

PROGRAMMI DI RICERCA SCIENTIFICA DI RILEVANTE INTERESSE NAZIONALE
RICHIESTA DI COFINANZIAMENTO (D.M. 19 marzo 2010 n. 51)

PROGETTO DI UNA UNITÀ DI RICERCA - MODELLO B
Anno 2009 - prot. 2009MAATFS_001

1 - Area Scientifico-disciplinare

13: Scienze economiche e statistiche 100%

2 - Coordinatore Scientifico

ICHINO ANDREA

Professore Ordinario

Università degli Studi di BOLOGNA

Facoltà di ECONOMIA

Dipartimento di SCIENZE ECONOMICHE

3 - Responsabile dell'Unità di Ricerca

ICHINO ANDREA

Professore Ordinario 10/12/1959 CHNDR59T10F205A

Università degli Studi di BOLOGNA

Dipartimento di SCIENZE ECONOMICHE

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4 - Curriculum scientifico

Testo italiano

Data di nascita: 10 Dicembre 1959

Cittadinanza: Italiana

Stato civile: sposato, quattro figli

Ufficio

Dipartimento di Scienze Economiche
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Abitazione

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Tel.: +39-055.540.349

Titoli di studio

1990 Doctor of Philosophy Degree in Economics — MIT, Cambridge, MA, USA.
1985 Laurea in Discipline Economiche e Sociali — Università "Luigi Bocconi", Milano, Italy.

Esperienze lavorative

2006- Professore ordinario di Economia Politica presso l'Università di Bologna.
1997- Professore di Economia Politica presso l'Istituto Universitario Europeo, Firenze.
1992-96 Ricercatore universitario presso l'Università "Luigi Bocconi", Milano.
1993-96 Docente della "Scuola di Direzione Aziendale" dell'Università "Luigi Bocconi", Milano.

Borse di studio e riconoscimenti

1999 Research Fellow del Center for Economic Studies and ifo Institute (CESifo) di Monaco.
1999 Research Fellow dell'Institute for the Study of Labor (IZA) di Bonn.
1997 Research Fellow del Centre for Economic Policy Research (CEPR) di Londra.
1997 "Jean Monnet Fellow" all'Istituto Universitario Europeo (IUE), Firenze.
1996 Premio alla ricerca dell'Università Bocconi.
1996 Visiting scholar presso l'Institute for International Economic Studies (IIES) di Stoccolma.
1995 Visiting scholar presso il Centre for Economic Studies (CES) di Monaco.
1994 Finanziamento del CNR per un periodo di studio e ricerca presso il NBER di Cambridge.
1992 Visiting scholar presso il Centro Studi del Sindacato Svedese (FIEF) a Stoccolma.
1990 Borsa di studio dell'Innocenzo Gasparini Institute for Economic Research (IGIER).
1986 Borsa di studio Stringer e Mortara della Banca d'Italia.

Attività didattica

2008- Coordinatore del Dottorato in Economia offerto dal Dipartimento di Scienze economiche dell'Università di Bologna.
2007- Economia delle risorse umane, Microeconomics and Microeconometrics; corsi per la Laurea Triennale, la Laurea Magistralis in Economics e il Dottorato presso l'Università di Bologna.
1997- Labor Economics, Personnel Economics e Microeconomics; corsi per il programma Ph.D. offerto dall'Istituto Universitario Europeo, Firenze.
1996-97 Corso di "Topics in Labour Economics" per il Master in Economics offerto dall'Università "Luigi Bocconi", Milano.
1990-96 Principi di Economia, Economia applicata: Corsi per la laurea in Economia Politica offerta dall'Università "Luigi Bocconi", Milano.
1990-96 Corso di Macroeconomia per il "Master in Business and Administration" offerto dalla Scuola di Direzione Aziendale presso l'Università "Luigi Bocconi", Milano.

Interessi di ricerca attuali

Economia dell'istruzione.
Struttura familiare e disoccupazione nei paesi del sud Europa.
Discriminazione.
"Group Interactions" e "Network Effects".
Mobilità intergenerazionale e disegualianza economica.
Rigidità e flessibilità nei mercati del lavoro europei.
Economia del Lavoro e del Personale

Ricerche in corso

2010 "Hidden consequences of a first-born boy for mothers" (con Elly-Ann Johansson e Eliana Viviano).
2010 "Juggling Tasks" (con Decio Coviello e Nicola Persico).
2010 "Don't spread yourself too thin. The impact of task juggling on workers productivity" (con Decio Coviello e Nicola Persico).
2009 "Gender Based Taxation and the Division of Family Chores" (con Alberto Alesina e Loukas Karabarbounis), NBER working paper 13638; revise e resubmit at the American Economic Journal: Economic Policy.
2010 "College cost e time to complete a degree: Evidence from tuition discontinuities" (con Pietro Garibaldi, Francesco Giavazzi e Enrico Rettore), NBER working paper 12863; revise e resubmit per la Review of Economics and Statistics.
2009 "Giudici in a anno" (con Decio Coviello e Nicola Persico).
2008 "Too Old to Work, Too Young to Retire?" (con Guido Schwerdt, Rudolf Winter-Ebmer e Josef Zweimüller); Revise e resubmit per l' Economic Journal.

Pubblicazioni in Inglese

2010 "Similarities and Differences when Building Trust: the Role of Cultures" (con Fabian Bornhorst, Oliver Kirchkamp, Karl Schlag e Eyal Winter), in corso di pubblicazione sul: *Experimental Economics*.
2010 "The political economy of intergenerational mobility" (con Loukas Karabarbounis e Enrico Moretti), in corso di pubblicazione sul: *Economic Inquiry*.
2010 "Does the Color of the collar matters? Firm specific human capital and post displacement outcomes" (con Oliver Ruf, Guido Schwerdt, Rudolf Winter-Ebmer e Josef Zweimüller), in corso di pubblicazione sul: *Economic Letters*.
2010 "Youth Emancipation and Perceived Job Insecurity of Parents and Children" (con Sascha Becker, Samuel Bentolila e Ana Fernees), in corso di pubblicazione sul: *Journal of Population Economics*
2009 "Biological Gender Differences, Absenteeism and the Earning Gap" (con Enrico Moretti), *American Economic Journal: Applied Economics*, 1(1) 183-218.
2009 "Job Insecurity and Youth Emancipation: A Theoretical Approach" (con Sascha Becker, Samuel Bentolila e Ana Fernees), *The B.E. Journal of Economic Analysis and Policy*.
2008 "How Often Should You Open the Door? Optimal Monitoring to Screen Heterogeneous Agents" (con Gerd Muehlheusser), *Journal of Economic Behaviour and Organizations*, (67) 820-831.
2008 "From temporary help jobs to permanent employment: What can we learn from matching estimators and their sensitivity?" (con Fabrizia Mealli e Tommaso Nannicini), *Journal of Applied Econometrics*, vol. 23, pp. 305 - 327.
2008 "Unemployment and Consumption Near and Far Away From the Mediterranean?" (con Samuel Bentolila), *Journal of Population Economics*, vol. 21, pp. 255 - 280.
2006 "Clean Evidence on Peer Pressure" (con Armin Falk), *Journal of Labor Economics*, January, 24(1), 39-57.
2005 "Temporary Work Agencies in Italy: A Springboard to Permanent Employment?" (con Fabrizia Mealli e Tommaso Nannicini), *Giornale degli Economisti*, September, 64(1), 1-27.
2005 "The Effect of Employment Protection on Worker Exit: A comparison of absenteeism during and after probation" (con Regina T. Riphahn), *Journal of the European Economic Association*, March, 3(1), 120-43.
2005 "Gender Wage Gap in Expectation and Realizations" (con Antonio Filippin), *Labour Economics*, February, 12(1), 125-45.
2005 "Reconciling Motherhood and Work: Evidence from Time Use Data in Three Countries" (con Anna Sanz de Galdeano), in Hamermesh, Dan, e Gerard Pfann, (Eds.), *The Economics of Time Use*, Amsterdam, Elsevier.
2004 "Absenteeism and Employment Protection: Three Case Studies" (con Regina T. Riphahn), *Swedish Economic Policy Review*, 11(1), 95-114.
2004 "The Long/Run Educational Cost of World War Two" (con Rudolf Winter-Ebmer), *Journal of Labor Economics*, January, 22(1), 57-86.
2004 "How Large is the "Brain Drain" from Italy" (con Giovanni Peri e Sascha Becker), *Giornale degli Economisti*, Anno 117, April, 63(1), 1-32.
2003 "Are Judges Biased by Labor Market Conditions?" (con Michele Polo e Enrico Rettore), *European Economic Review*, October, 47(5), 913-944.
2002 "Estimation of Average Treatment Effects Based on Propensity Scores" (con Sascha Becker), *The Stata Journal*, 2(4), 358-377.
2001 "Productivity, Seniority and Wages" (con Luca Flabbi), *Labour Economics*, June 8(3), 359- 387.
2000 "Work Environment and Individual Background: Explaining Regional Shirking Differentials in a large Italian Firm" (con Giovanni Maggi), *Quarterly Journal of Economics*, August, 115(3), 1057-1090.
1999 "More Equal but Less Mobile? Education Financing and Intergenerational Mobility in Italy and in the US" (con Daniele Checchi e Aldo Rustichini), *Journal of Public Economics*, December, 74(3), 351-393.
1999 "Lower and Upper Bounds of Returns to Schooling. An Exercise in IV Estimation with Different Instruments" (con Rudolf Winter-Ebmer), *European Economic*

Review April 43(4/6), 889- 901.

1999 "Discrimination or Individual Effort? Regional Productivity Differentials in a Large Italian Firm" (con Pietro Ichino). Ch. 3 in: John C. Haltiwanger et al. (eds.), *The Creation and Analysis of Employer-Employee Matched Data*, North-Holle, Elsevier Science B.V., *Contributions to Economic Analysis*, vol. 241. Amsterdam; New York e Oxford: Elsevier Science, North-Holle, 59-77.

1995 "Wage inequality e Unemployment: US vs. Europe" (con Giuseppe Bertola), in: B. Bernanke e J. Rothemberg (eds.), *NBER Macroeconomics Annual 1995*, Cambridge, MIT Press.

1995 "Crossing the River: A Comparative Perspective on Italian Employment Dynamics" (con Giuseppe Bertola), *Economic Policy: A European Forum*, October, 0(21), 359-415.

1994 "Wage Differentials in Italy. Market Forces, Institutions e Inflation" (con Chris Erickson), in: Richard Freeman e Larry Katz (eds.), *Differences e Changes in the Wage Structure*, Chicago e London: University of Chicago Press, 265-305.

1994 "Immigration, Human Capital e Growth in the Host Country: Evidence from Pooled Country Data" (con Juan Dolado e Alessandra Goria), *Journal of Population Economics*, Springer, 7(2), 193-215.

1994 "Flexible Labour Compensation, Risk Sharing e Company Leverage", *European Economic Review*, Elsevier, vol. 38(7), 1411-1421, August, 38(7), 1411-21.

1994 "Lump Sum Bonuses in Union Contracts" (con Chris Erickson), in: D. Lewin e D. Sockell (eds.), *Advances in Industrial e Labour Relations*, Vol. 6, Greenwich, Conn. e London: JAI Press, 183-218.

1993 "The Economic Impact of Immigration on the Host Country", in: Giacomo Luciani (ed.), *Migration Policies in Europe e the United States*, Dordrecht e Norwell, Mass.: Kluwer Academic, 145-162.

1992 "Is Information More Valuable When Risk Increases? One Answer e an Interesting Analogy" (con Corrado Benassi), *Rivista Internazionale di Scienze Economiche e Commerciali*, August, 39(8), 673-692.

1988 "Do Marginal Employment Subsidies Increase Re-Employment Probabilities?" (con Leonardo Felli), *Labour*, 2, 63-89.

Pubblicazioni in Italiano

2009 "L'Italia fatta in casa" (con Alberto Alesina), *Mondadori*.

2005 "Lo splendido isolamento dell'università italiana" (con Stefano Gagliarducci, Giovanni Peri e Roberto Perotti), in Tito Boeri, Riccardo Faini, erea Ichino, Giuseppe Pisauro, Carlo Scarpa (ed.) *Oltre il Declino*, Bologna, Il Mulino, 2005.

2003 "Le perplessità di un utilizzatore di dati di fronte al Codice di deontologia e buona condotta per il trattamento di dati personali per scopi statistici e scientifici", *Rivista Statistica*, Ottobre-Dicembre, 4, 673-683.

2003 "Il Lavoro Interinale in Italia. Trappola del Precariato o Trampolino verso un Impiego Stabile?", *Research report on the project 'Il Lavoro Interinale in Italia'* (con Fabrizia Mealli e Tommaso Nannicini), Italian Ministry of Welfare e Regione Toscana / EUI.

2001 "Manuale di Economia del Lavoro". Luchino Brucchi (ed.), Bologna, Il Mulino. Luchino Brucchi (ed.), *Manuale di Economia del Lavoro*, Collana "Strumenti", Bologna, Il Mulino.

2001 "Il Problema della Causalità. Una Introduzione Generale ed un Esempio". Capitolo 20 in: Luchino Brucchi (ed.), *Manuale di Economia del Lavoro*, Collana "Strumenti", Bologna, Il Mulino.

1998 "L'Influenza delle Condizioni del Mercato del Lavoro Regionale sulle Decisioni dei Giudici in Materia di Licenziamento" (con Pietro Ichino e Michele Polo), *Rivista Italiana di Diritto del Lavoro*, XVII(1), 19-46.

1997 "La disciplina limitativa dei licenziamenti. Effetti e giuste cazioni nella letteratura economica recente", *Politica Economica*, December, 13(3), 375-408.

1997 "Scuola e mobilità sociale: un'analisi comparata" (con Daniele Checchi e Aldo Rustichini), in: N. Rossi (ed.), *L'istruzione in Italia: solo un pezzo di carta?*, Bologna, Il Mulino.

1996 "Immobili perch e eguali?" (con Daniele Checchi e Aldo Rustichini), in: G.P. Galli (ed.), *La mobilità della società italiana: le persone, le imprese e le istituzioni*, Roma, SIPI.

1996 "Sistemi di incentivazione della forza lavoro. Una rassegna dei principali problemi teorici" (con Leonardo Felli), *IGIER, Politica Economica*, December, 12(3), 331-361.

1994 "A chi serve il diritto del lavoro" (con Pietro Ichino), *Rivista Italiana di Diritto del Lavoro*, 4, 459-505.

1994 "Flussi migratori e convergenza fra regioni italiane" (con Alessandra Goria), *Lavoro e Relazioni Industriali*, 3, July-September, 3-50.

1994 "In mezzo al guado: dalla flessibilità alla rigidità nel problema occupazionale italiano" (con Giuseppe Bertola), in: Guido Tabellini e Alessandro Penati (eds.), *Economia Mercati e Istituzioni: Le Nuove Frontiere della Politica Economica*, Milano, Pirola, Il Sole 24ore.

1993 "Determinanti dei contratti con retribuzione flessibile" (con Alessandra Del Boca), *Rassegna di Statistiche del Lavoro*, 31-37.

1992 "Desiderabilità di un contratto indicizzato e variabilità dell'inflazione" (con Corrado Benassi), *Economia e Lavoro*, Jan.-March, 26(1), 23-35.

1991 "Retribuzione flessibile, suddivisione del rischio e struttura finanziaria dell'azienda", *Economia Marche*, X(1), April, 65-79.

1991 "Premi forfetari e trasformazione del regime salariale negli Stati Uniti" (con Michael Piore e Chris Erickson), in: G. Della Rocca, L. Prosperetti (eds.), *Salari e produttività. Esperienze internazionali ed italiane*, Milano, AISRI Franco Angeli.

1990 "Retribuzione flessibile e partecipazione dei lavoratori al rischio aziendale: effetti sulle relazioni industriali", *Produttività e Competitività*, June, 33-46.

1989 "Incentivazione della produttività o suddivisione del rischio? Ipotesi sui motivi della recente di usione di contratti con incrementi salariali collegati agli aumenti aziendali", *Politica Economica*, December, 5(3), 463-91.

Finanziamenti per ricerche specifiche

2002-2003 - Il lavoro interinale come canale d'accesso al lavoro a tempo indeterminato. Progetto finanziato dal Ministero Italiano del Welfare. Questo finanziamento ha originato il Rapporto preparato per il Ministero con il titolo "Il Lavoro Interinale in Italia. Trappola del Precariato o Trampolino verso un Impiego Stabile?" e l'articolo scientifico in lingua inglese "Temporary Work Agencies in Italy: A Springboard to Permanent Employment?", entrambi scritti con

Fabrizia Mealli e Tommaso Nannicini.

1998-2001 - Targeted Socio-Economic Research Project finanziato dalla Commissione Europea DG XII sul tema "Labour Deme, Education, e the Dynamics of Social Exclusion". Questo finanziamento ha originato gli articoli scientifici in lingua inglese: "Job Insecurity e Children's

Emancipation: The Italian Puzzle" (con Sascha Becker, Samuel Bentolila e Ana Fernees) e "Unemployment e Consumption: Are Job Losses Less Painful Near the Mediterranean?" (con Samuel Bentolila).

Altre attività

2010 - Membro del "Comitato Tecnico Scientifico presso il Dipartimento per la Programmazione e la Gestione delle Risorse Umane, Finanziarie e Strumentali del Ministero della Pubblica Istruzione, con il compito di disegnare il Sistema Nazionale di Valutazione delle Scuole e degli Insegnanti."

2009 - Membro del comitato di Economic Policy.

2004 "Editor-in-chief di *Labour Economics*, il giornale della European Association of Labor Economists.

1990 - Referee per: *American Economic Review*, *Canadian Journal of Economics*, *Economic Development e Cultural Change*, *Econometrica*, *Economic Journal*, *European Economic Review*, *Industrial e Labour Relations Review*, *Journal of Business e Economic Statistics*,

Journal of Applied Econometrics, *Journal of Econometrics*, *Journal of the European Economic Association*, *Journal of Labour Economics*, *Journal of Public Economics*, *Journal of Political Economy*, *Journal of Population Economics*, *Giornale degli Economisti*, *Labour*, *Labour Economics*, *Open Economic Review*, *Politica Economica*, *Quarterly Journal of Economics*, *Review of Economic Studies*, *Scandinavian Journal of Economics*.

2002 - Membro del comitato scientifico della European Association of Labor Economists.

2002 - 04 Associate editor del *Journal of the European Economic Association*.

2002 - 03 Associate editor di *Labour Economics*.

2000-02 - Associate editor della *European Economic Review*.

Altre esperienze

Istruttore regionale di sci alpinismo del Club Alpino Italiano.

Abilitato alla navigazione oltre le 12 miglia".

Lingua madre: Italiano; ottima conoscenza dell'Inglese; discreta conoscenza del Francese.

Testo inglese

Date of Birth: December 10, 1959

Nationality: Italian

Civil Status: married, with four children

Office

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Internet: <http://www2.dse.unibo.it/ichino>

Home

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Caldine (FI), 50010 Italy

Tel.: +39-055.540.163

Education

1990 Doctor of Philosophy Degree in Economics — MIT, Cambridge MA, USA.

1985 Laurea in Discipline Economiche e Sociali — Università Bocconi, Milano, Italy.

Positions

2006- Professor of Economics at the University of Bologna, Italy.

1997- Professor of Economics at the European University Institute, Florence, Italy.

1992-96 Professor of Economics at Bocconi University, Milan, Italy.

Awards and other appointments

1999 Research Fellow of the Center for Economic Studies and ifo Institute (CESifo), Munich.

1999 Research Fellow of the Institute for the Study of Labor (IZA), Bonn.

1997 Research Fellow of the Centre for Economic and Policy Research (CEPR), London.

1997 "Jean Monnet Fellow" at the European University Institute (EUI) in Florence, Italy.

1996 Bocconi Prize for research in economics.

1996 Visiting Scholar at the International Institute for Economic Studies (IIES) in Stockholm.

1995 Visiting Scholar at the Centre for Economic Studies (CES) in Munich.

1994 Visiting Scholar at the NBER, Cambridge, MA.

1992 Visiting Scholar at the Swedish Trade Unions Centre of Economic Studies (FIEF).

1990 Fellow of the Innocenzo Gasparini Institute for Economic Research (IGIER), Milan.

1986 Bonaldo Stringher Scholarship offered by the Bank of Italy.

Teaching

2008- Director of the PhD program in Economics offered by the University of Bologna.

2007- Labor Economics, Personnel Economics, Microeconomics and Microeconometrics; undergraduate and graduate courses offered by the University of Bologna, Italy.

1997- Labor Economics, Personnel Economics, and Microeconometrics (basic and advanced); courses for the Ph.D. program offered by the European University Institute in Florence, Italy.

1996-97 Labor Economics; course for the "Master in Economics" offered by Bocconi University.

1996-96 Applied Economics; fourth-year course for the "Laurea in Economics" offered by Bocconi University.

1990-96 Economic Principles; first-year course for the "Laurea in Economics" offered by Bocconi University.

1990-96 Macroeconomics; core requirement for the "Master in Business and Administration" offered by the Bocconi Business School (SDA-Bocconi).

Research interests

Economics of education.

Family structure and unemployment in Europe.

Gender studies.

Group interactions and network effects.

Intergenerational social mobility and income inequality.

Rigidity and flexibility in European labour markets.

Personnel economics.

Papers in progress

2010 "Hidden consequences of a first-born boy for mothers" (with Elly-Ann Johansson and Eliana Viviano).

2010 "Juggling Tasks" (with Decio Coviello e Nicola Persico).

2010 "Don't spread yourself too thin. The impact of task juggling on workers productivity" (with Decio Coviello e Nicola Persico).

2009 "Gender Based Taxation and the Division of Family Chores" (with Alberto Alesina and Loukas Karabarbounis), NBER working paper 13638; revise and resubmit at the American Economic Journal: Economic Policy.

2010 "College cost and time to complete a degree: Evidence from tuition discontinuities" (with Pietro Garibaldi, Francesco Giavazzi and Enrico Rettore), NBER working paper 12863; revise and resubmit at the Review of Economics and Statistics.

2009 "Giudici in affanno" (with Decio Coviello e Nicola Persico).

2008 "Too Old to Work, Too Young to Retire?" (with Guido Schwerdt, Rudolf Winter-Ebmer and Josef Zweimüller); Revise and resubmit at the Economic Journal.

Publications in English

2010 "Similarities and Differences when Building Trust: the Role of Cultures" (with Fabian Bornhorst, Oliver Kirchkamp, Karl Schlag and Eyal Winter), forthcoming: *Experimental Economics*.

2010 "The political economy of intergenerational mobility" (with Loukas Karabarbounis and Enrico Moretti), forthcoming: *Economic Inquiry*.

2010 "Does the Color of the collar matters? Firm specific human capital and post displacement outcomes" (with Oliver Ruf, Guido Schwerdt, Rudolf Winter-Ebmer and Josef Zweimüller), forthcoming: *Economic Letters*.

2010 "Youth Emancipation and Perceived Job Insecurity of Parents and Children" (with Sascha Becker, Samuel Bentolila and Ana Fernandes), forthcoming: *Journal of Population Economics*

2009 "Biological Gender Differences, Absenteeism and the Earning Gap" (with Enrico Moretti), *American Economic Journal: Applied Economics*, 1(1) 183-218.

- 2009 "Job Insecurity and Youth Emancipation: A Theoretical Approach" (with Sascha Becker, Samuel Bentolila and Ana Fernandes), *The B.E. Journal of Economic Analysis and Policy*.
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- 2008 "From temporary help jobs to permanent employment: What can we learn from matching estimators and their sensitivity?" (with Fabrizia Mealli and Tommaso Nannicini), *Journal of Applied Econometrics*, vol. 23, pp. 305 - 327.
- 2008 "Unemployment and Consumption Near and Far Away From the Mediterranean?" (with Samuel Bentolila), *Journal of Population Economics*, vol. 21, pp. 255 - 280.
- 2006 "Clean Evidence on Peer Pressure" (with Armin Falk), *Journal of Labor Economics*, January, 24(1), 39-57.
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- 2004 "Absenteeism and Employment Protection: Three Case Studies" (with Regina T. Riphahn), *Swedish Economic Policy Review*, 11(1), 95-114.
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- 2004 "How Large is the "Brain Drain" from Italy" (with Giovanni Peri and Sascha Becker), *Giornale degli Economisti*, Anno 117, April, 63(1), 1-32.
- 2003 "Are Judges Biased by Labor Market Conditions?" (with Michele Polo and Enrico Rettore), *European Economic Review*, October, 47(5), 913-944.
- 2002 "Estimation of Average Treatment Effects Based on Propensity Scores" (with Sascha Becker), *The Stata Journal*, 2(4), 358-377.
- 2001 "Productivity, Seniority and Wages" (with Luca Flabbi), *Labour Economics*, June 8(3), 359-387.
- 2000 "Work Environment and Individual Background: Explaining Regional Shirking Differentials in a large Italian Firm" (with Giovanni Maggi), *Quarterly Journal of Economics*, August, 115(3), 1057-1090.
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- 1999 "Lower and Upper Bounds of Returns to Schooling. An Exercise in IV Estimation with Different Instruments" (with Rudolf Winter-Ebmer), *European Economic Review* April 43(4-6), 889-901.
- 1999 "Discrimination or Individual Effort? Regional Productivity Differentials in a Large Italian Firm" (with Pietro Ichino). Ch. 3 in: John C. Haltiwanger et al. (eds.), *The Creation and Analysis of Employer-Employee Matched Data*, North-Holland, Elsevier Science B.V., Contributions to Economic Analysis, vol. 241. Amsterdam; New York and Oxford: Elsevier Science, North-Holland, 59-77.
- 1995 "Wage inequality and Unemployment: US vs. Europe" (with Giuseppe Bertola), in: B. Bernanke and J. Rothenberg (eds.), *NBER Macroeconomics Annual 1995*, Cambridge, MIT Press.
- 1995 "Crossing the River: A Comparative Perspective on Italian Employment Dynamics" (with Giuseppe Bertola), *Economic Policy: A European Forum*, October, 0(21), 359-415.
- 1994 "Wage Differentials in Italy. Market Forces, Institutions and Inflation" (with Chris Erickson), in: Richard Freeman and Larry Katz (eds.), *Differences and Changes in the Wage Structure*, Chicago and London: University of Chicago Press, 265-305.
- 1994 "Immigration, Human Capital and Growth in the Host Country: Evidence from Pooled Country Data" (with Juan Dolado and Alessandra Goria), *Journal of Population Economics*, Springer, 7(2), 193-215.
- 1994 "Flexible Labour Compensation, Risk Sharing and Company Leverage", *European Economic Review*, Elsevier, vol. 38(7), 1411-1421, August, 38(7), 1411-21.
- 1994 "Lump Sum Bonuses in Union Contracts" (with Chris Erickson), in: D. Lewin and D. Sockell (eds.), *Advances in Industrial and Labour Relations*, Vol. 6, Greenwich, Conn. and London: JAI Press, 183-218.
- 1993 "The Economic Impact of Immigration on the Host Country", in: Giacomo Luciani (ed.), *Migration Policies in Europe and the United States*, Dordrecht and Norwell, Mass.: Kluwer Academic, 145-162.
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- 2009 "L'Italia fatta in casa" (with Alberto Alesina), *Mondadori*.
- 2005 "Lo splendido isolamento dell'università italiana" (with Stefano Gagliarducci, Giovanni Peri e Roberto Perotti), in Tito Boeri, Riccardo Faini, Andrea Ichino, Giuseppe Pisauro, Carlo Scarpa (ed.) *Oltre il Declino*, Bologna, Il Mulino, 2005.
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- 2003 "Il Lavoro Interinale in Italia. Trappola del Precariato o Trampolino verso un Impiego Stabile?", *Research report on the project 'Il Lavoro Interinale in Italia' (con Fabrizia Mealli e Tommaso Nannicini)*, Italian Ministry of Welfare and Regione Toscana / EUI.
- 2001 "Manuale di Economia del Lavoro". Luchino Brucchi (ed.), Bologna, Il Mulino. Luchino Brucchi (ed.), *Manuale di Economia del Lavoro*, Collana "Strumenti", Bologna, Il Mulino.
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- 1998 "L'Influenza delle Condizioni del Mercato del Lavoro Regionale sulle Decisioni dei Giudici in Materia di Licenziamento" (with Pietro Ichino and Michele Polo), *Rivista Italiana di Diritto del Lavoro*, XVII(1), 19-46.
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- 1997 "Scuola e mobilità sociale: un'analisi comparata" (with Daniele Checchi and Aldo Rustichini), in: N. Rossi (ed.), *L'istruzione in Italia: solo un pezzo di carta?*, Bologna, Il Mulino.
- 1996 "Immobili perchè eguali?" (with Daniele Checchi and Aldo Rustichini), in: G.P. Galli (ed.), *La mobilità della società italiana: le persone, le imprese e le istituzioni*, Roma, SIPI.
- 1996 "Sistemi di incentivazione della forza lavoro. Una rassegna dei principali problemi teorici" (with Leonardo Felli), *IGIER, Politica Economica*, December, 12(3), 331-361.
- 1994 "A chi serve il diritto del lavoro" (with Pietro Ichino), *Rivista Italiana di Diritto del Lavoro*, 4, 459-505.
- 1994 "Flussi migratori e convergenza fra regioni italiane" (with Alessandra Goria), *Lavoro e Relazioni Industriali*, 3, July-September, 3-50.
- 1994 "In mezzo al guado: dalla flessibilità alla rigidità nel problema occupazionale italiano" (with Giuseppe Bertola), in: Guido Tabellini and Alessandro Penati (eds.), *Economia Mercati e Istituzioni: Le Nuove Frontiere della Politica Economica*, Milano, Pirola - Il Sole 24ore.
- 1993 "Determinanti dei contratti con retribuzione flessibile" (with Alessandra Del Boca), *Rassegna di Statistiche del Lavoro*, 31-37.
- 1992 "Desiderabilità di un contratto indicizzato e variabilità dell'inflazione" (with Corrado Benassi), *Economia e Lavoro*, Jan.-March, 26(1), 23-35.
- 1991 "Retribuzione flessibile, suddivisione del rischio e struttura finanziaria dell'azienda", *Economia Marche*, X(1), April, 65-79.
- 1991 "Premi forfettari e trasformazione del regime salariale negli Stati Uniti" (with Michael Piore and Chris Erickson), in: G. Della Rocca, L. Prosperetti (eds.), *Salari e produttività. Esperienze internazionali ed italiane*, Milano, AISRI Franco Angeli.
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Grants

2002-2003 - Il lavoro interinale come canale d'accesso al lavoro a tempo indeterminato. Project financed by the Italian Ministry of Welfare. This grant has originated the report prepared for the Ministry with the title "Il Lavoro Interinale in Italia. Trappola del Precariato o Trampolino verso un Impiego Stabile?" and the article "Temporary Work Agencies in Italy: A Springboard to Permanent Employment?", both written with Fabrizia Mealli and Tommaso Nannicini.

1998-2001- Targeted Socio-Economic Research Project, financed by the European Commission DG XII, on the subject: "Labour Demand, Education, and the

Dynamics of Social Exclusion". This grant has originated the articles: "Job Insecurity and Children's Emancipation: The Italian Puzzle" (with Sascha Becker, Samuel Bentolila and Ana Fernandes) and "Unemployment and Consumption: Are Job Losses Less Painful Near the Mediterranean?" (with Samuel Bentolila).

Other professional activities

2010- Member of the "Comitato Tecnico Scientifico presso il Dipartimento per la Programmazione e la Gestione delle Risorse Umane, Finanziarie e Strumentali del Ministero della Pubblica Istruzione, con il compito di disegnare il Sistema Nazionale di Valutazione delle Scuole e degli Insegnanti."

2009- Member of the panel of Economic Policy.

2004-2008 Editor-in-chief of *Labour Economics*, the journal of the European Association of Labor Economists.

1990- Referee for: *American Economic Review*, *Canadian Journal of Economics*, *Economic Development and Cultural Change*, *Econometrica*, *Economic Journal*, *European Economic Review*, *Industrial and Labour Relations Review*, *Journal of Business and Economic Statistics*, *Journal of Applied Econometrics*, *Journal of Econometrics*, *Journal of the European Economic Association*, *Journal of Labour Economics*, *Journal of Public Economics*, *Journal of Political Economy*, *Journal of Population Economics*, *Giornale degli Economisti*, *Labour*, *Labour Economics*, *Open Economic Review*, *Politica Economica*, *Quarterly Journal of Economics*, *Review of Economic Studies*, *Scandinavian Journal of Economics*.

2002- Member of the Scientific Committee of the European Association of Labor Economists.

2002-04 Associate editor of the *Journal of the European Economic Association*.

2002-03 Associate editor of *Labour Economics*.

2000-02- Associate editor of the *European Economic Review*.

Other experiences

Regional instructor of ski-randonnee of the Italian Alpine Club.

Italian nautical license "12 miles and beyond".

Italian native speaker, fluent in English, conversational in French.

5 - Pubblicazioni scientifiche più significative del Responsabile dell'Unità di Ricerca

1. ICHINO A., E. MORETTI (2009). *Biological Gender Differences, Absenteeism and the Earning Gap*. *AMERICAN ECONOMIC JOURNAL. APPLIED ECONOMICS*, vol. 1; p. 183 - 218, ISSN: 1945-7782
2. BENTOLILLA S., ICHINO A. (2008). *Unemployment and Consumption Near and Far Away From the Mediterranean?*. *JOURNAL OF POPULATION ECONOMICS*, vol. 21; p. 255 - 280, ISSN: 0933-1433
3. ICHINO A., F. MEALLI, T. NANNICINI (2008). *From temporary help jobs to permanent employment: What can we learn from matching estimators and their sensitivity?*. *JOURNAL OF APPLIED ECONOMETRICS*, vol. 23; p. 305 - 327, ISSN: 0883-7252
4. ICHINO A., G. MUEHLHEUSSER (2008). *How often should you open the door? Optimal monitoring to screen heterogeneous agents*. *JOURNAL OF ECONOMIC BEHAVIOR & ORGANIZATION*, vol. 67; p. 820 - 831, ISSN: 0167-2681
5. S. BECKER, S. BENTOLILA, A. FERNANDEZ, ICHINO A. (2008). *Income Insecurity and Youth Emancipation: A Theoretical Approach*. *THE B.E. JOURNAL OF ECONOMIC ANALYSIS & POLICY*, vol. 8; p. 1 - 41, ISSN: 1935-1682
6. FALK A., ICHINO A. (2006). *Clean Evidence on Peer Pressure*. *JOURNAL OF LABOR ECONOMICS*, vol. 24(1); p. 39 - 57, ISSN: 0734-306X
7. FILIPPIN A., ICHINO A. (2005). *Gender Wage Gap in Expectation and Realizations*. *LABOUR ECONOMICS*, vol. 12(1); p. 125 - 145, ISSN: 0927-5371
8. ICHINO A., MEALLI F., NANNICINI T. (2005). *Temporary Work Agencies in Italy: A Springboard to Permanent Employment?*. *GIORNALE DEGLI ECONOMISTI E ANNALI DI ECONOMIA*, vol. 64(1); p. 1 - 27, ISSN: 0017-0097
9. ICHINO A., RIPHAHN R.T. (2005). *The Effect of Employment Protection on Worker Effort. A comparison of absenteeism during and after probation*. *JOURNAL OF THE EUROPEAN ECONOMIC ASSOCIATION*, vol. 3(1); p. 120 - 143, ISSN: 1542-4766
10. BECKER S., ICHINO A., PERI G. (2004). *How Large is the "Brain Drain" from Italy*. *GIORNALE DEGLI ECONOMISTI E ANNALI DI ECONOMIA*, vol. 63(1); p. 1 - 32, ISSN: 0017-0097
11. ICHINO A., RIPHAHN R.T. (2004). *Absenteeism and Employment Protection: Three Case Studies*. *SWEDISH ECONOMIC POLICY REVIEW*, vol. 11(1); p. 95 - 114, ISSN: 1400-1829
12. ICHINO A., WINTER-EBMER R. (2004). *The Long-Run Educational Cost of World War Two*. *JOURNAL OF LABOR ECONOMICS*, vol. 22(1); p. 57 - 86, ISSN: 0734-306X
13. ICHINO A. (2003). *Le perplessità di un utilizzatore di dati di fronte al "Codice di deontologia e buona condotta per il trattamento di dati personali per scopi statistici e scientifici"*. *STATISTICA*; p. 673-683, ISSN: 0390-590X
14. ICHINO A., POLO M, RETTORE E (2003). *Are Judges Biased by Labor Market Conditions?*. *EUROPEAN ECONOMIC REVIEW*, vol. 47; p. 913-944, ISSN: 0014-2921
15. ICHINO A., BECKER S (2002). *Estimation of Average Treatment Effects Based on Propensity Scores*. *THE STATA JOURNAL*, vol. 2; p. 358-377, ISSN: 1536-867X
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17. ICHINO A., MAGGI G (2000). *WORK ENVIRONMENT AND INDIVIDUAL BACKGROUND: EXPLAINING REGIONAL SHIRKING DIFFERENTIALS IN A LARGE ITALIAN FIRM*. *QUARTERLY JOURNAL OF ECONOMICS*, vol. 115; p. 1057-1090, ISSN: 0033-5533
18. ICHINO A., CHECCI D, RUSTICHINI A (1999). *More Equal but Less Mobile? Education Financing and Intergenerational Mobility in Italy and in the US*. *JOURNAL OF PUBLIC ECONOMICS*, vol. 74; p. 351-393, ISSN: 0047-2727
19. ICHINO A., WINTER-EBMER R (1999). *Lower and Upper Bounds of Returns to Schooling: An Exercise in IV Estimation with Different Instruments*. *EUROPEAN ECONOMIC REVIEW*, vol. 43; p. 889-901, ISSN: 0014-2921
20. ICHINO A., ICHINO P, POLO M (1998). *L'Influenza delle Condizioni del Mercato del Lavoro Regionale sulle Decisioni dei Giudici in Materia di Licenziamento*. *RIVISTA ITALIANA DI DIRITTO DEL LAVORO*, vol. 17; p. 19-46, ISSN: 0393-2494
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23. ICHINO A., BERTOLA G (1995). *Crossing the River: A Comparative Perspective on Italian Employment Dynamics*. *ECONOMIC POLICY*, vol. 19; p. 359-415, ISSN: 0266-4658
24. ICHINO A. (1994). *Flexible Labour Compensation, Risk Sharing and Company Leverage*. *EUROPEAN ECONOMIC REVIEW*, vol. 38; p. 1411-1421, ISSN: 0014-2921
25. ICHINO A., GORIA A (1994). *Flussi migratori e convergenza fra regioni italiane*. *LAVORO E RELAZIONI INDUSTRIALI*; p. 3-50, ISSN: 1129-6291
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29. ICHINO A., BENASSI C (1992). *Desiderabilità di un contratto indicizzato e variabilità dell'inflazione*. ECONOMIA & LAVORO, vol. 26; p. 23-35, ISSN: 0012-978X
30. ICHINO A. (1989). *"Incentivazione della produttività o suddivisione del rischio? Ipotesi sui motivi della recente diffusione di contratti con incrementi salariali collegati agli andamenti aziendali"*. RIVISTA DI POLITICA ECONOMICA, vol. 5; p. 463-91, ISSN: 0035-6468

6 - Titolo specifico del Progetto svolto dall'Unità di Ricerca

Testo italiano

La valutazione della performance individuale dei dipendenti pubblici

Testo inglese

Performance evaluation of individual public workers

7 - Abstract del Progetto svolto dall'Unità di Ricerca

Testo italiano

L'unità di Bologna contribuirà con specifici progetti in ogni singola area del programma di ricerca complessivo. Nello specifico, i titoli dei singoli progetti dell'unità sono i seguenti:

- 1. Evidenza econometrica per la definizione del "Sistema Nazionale di Valutazione delle Scuole e degli Insegnanti".*
- 2. Valutazione relativa della performance e disincentivi alla cooperazione tra gli impiegati pubblici: evidenza sperimentale.*
- 3. Valutazione delle scuole superiori e dei dipartimenti universitari di medicina, realizzata utilizzando i test di ammissione alle facoltà di medicina.*
- 4. Evidenza econometrica e sperimentale per la valutazione dei giudici e per il miglioramento della loro performance.*
- 5. Impiegati pubblici, assenteismo e differenze di incentivi al confine tra Trentino e Veneto.*
- 6. Cosa possiamo apprendere sulle differenze Nord-Sud della pubblica amministrazione guardando agli effetti dell'implementazione della legge Brunetta e della legge sulla patente a punti?*

Mentre le altre unità si focalizzeranno in misura maggiore sulla valutazione delle politiche pubbliche, l'unità di Bologna si concentrerà sulla valutazione della performance individuale dei lavoratori pubblici e sulla comprensione dei fattori che incidono su di essa. La nostra attenzione sarà focalizzata in particolare sull'evidenza empirica necessaria per la definizione di sistemi ottimali di misurazione e incentivazione e sul ruolo degli incentivi e della motivazione intrinseca. I dettagli specifici relativi ad ogni progetto sono descritti in quel che segue. In tutti i casi, per realizzare gli obiettivi previsti, verranno utilizzate fonti di dati amministrativi raramente o mai analizzate in precedenza.

Confronti internazionali mostrano che l'Italia è in grande ritardo nella performance del sistema scolastico (studi di Pisa, 2002-2009), del sistema giudiziario (Marchesi 2003, Coviello et al 2009, Bianco 2007, Gennaioli and Shleifer 2008, Djankov et al. 2003, Cepej reports 2004, 2006) e più in generale dell'intero settore pubblico. È senza dubbio necessario invertire rapidamente questo trend negativo e migliorare la performance della pubblica amministrazione italiana. L'obiettivo del nostro progetto è di contribuire al raggiungimento di questo fine.

Testo inglese

The Bologna unit will contribute with specific tasks in each of the areas of the project. Specifically, the tasks of this unit will be the following

- 1. Econometric evidence for the design of the "Sistema Nazionale di Valutazione delle Scuole e degli Insegnanti".*
- 2. Relative performance evaluation and disruption of team cooperation among public employees: experimental evidence.*
- 3. Evaluation of high schools and medical university departments based on admission tests in medical schools.*
- 4. Econometric and experimental evidence for the evaluation of judges and the improvement of their performance.*
- 5. Public employees, absenteeism and different incentives across the regional border between Trentino and Veneto*
- 6. What can we learn about north-south differences in the performance of the public administration from the effects of the "Brunetta law" and of the "driving penalties law"?*

While other units will be more focused on the evaluation of public policies, the Bologna unit will be more focused on the evaluation of individual public workers' performance and on understanding the deep determinants of this individual performance. Particular attention will be devoted to gathering econometric evidence for the design of optimal measurement and incentive systems and to the role of incentives and intrinsic motivation. Specific details on each of these tasks are provided below. In all cases administrative data sources rarely or never analyzed before will be used to complete these tasks.

International comparisons show that Italy is lagging behind in the performance of the education system (see the Pisa studies 2002-2009), of the judicial system (Marchesi 2003, Coviello, Ichino and Persico 2009, Bianco 2007, Gennaioli and Shleifer 2008, Djankov et al. 2003, Cepej reports 2004, 2006) and more generally of the entire public sector. It is clearly necessary to invert this trend and improve the performance of the Italian public administration. The goal of our project is to contribute to this end.

8 - Settori di ricerca ERC (European Research Council)

SH Social Sciences and Humanities

SH1 Individuals, institutions and markets: economics, finance and management

SH1_8 Human resource management, employment and earnings

SH1_9 Public administration, public economics

9 - Parole chiave

Testo italiano

VALUTAZIONE DELLA PERFORMANCE
PUBBLICA AMMINISTRAZIONE

Testo inglese

10 - Stato dell'arte

Testo italiano

Task 1,2,3,4

Per molti paesi esiste un'ampia letteratura sulla valutazione degli insegnanti e delle scuole (vedi bibliografia). La maggior parte di questi articoli si concentra sulla valutazione di caratteristiche specifiche dei differenti contesti educativi. Sono invece meno frequenti le ricerche normative focalizzate specificamente sulla definizione ottimale di un sistema di valutazione e incentivazione. Numerosi istituti di ricerca nazionali ed internazionali hanno descritto efficacemente come funzionano i sistemi esistenti in differenti nazioni (Serie Quaderni TREELLE 2002-2007; Fondazione Agnelli 2009-2010; OECD 2008, 2009). Ma la ricerca normativa in questo campo è ancora limitata, essenzialmente perché valutare gli insegnanti è molto difficile, come ben spiegano tra gli altri Bertola e Checchi (2008,2010) e Checchi, Ichino e Vittadini (2008).

Problemi del tutto analoghi sorgono quando si considera la definizione di un sistema di valutazione e di incentivazione per i giudici, soprattutto in Italia (Contini 2008, Coviello et al 2009, Minniti 2010, Bianco 2007). Ogni ricerca finalizzata alla definizione di un sistema di valutazione e incentivazione nel campo dell'educazione e della giustizia deve considerare questi problemi ed affrontarli.

La prima difficoltà sta nella definizione del risultato di cui ci si vuole occupare, dato che il lavoro di insegnanti e giudici non può essere misurato in termini monetari o con unità di misura facilmente identificabili e comunemente accettate. Esemplicativa di tale problema è la scelta tra un sistema quantitativo o qualitativo di misurazione dei risultati degli studenti, al fine della valutazione degli insegnanti. Da un lato i test standardizzati permettono di costruire misure oggettive e confrontabili di quello che gli studenti hanno imparato nei diversi momenti della loro carriera e un'ampia letteratura (vedi bibliografia) ha definito misure di performance degli insegnanti basate su questi test. Tuttavia tali metodi sono stati criticati poiché essi inducono la prassi del "teaching to test" e non possono rendere giustizia dell'ampia gamma di caratteristiche qualitative che caratterizzano un buon insegnante. Anche per i giudici le misure di performance basate sul numero e sulla durata dei procedimenti sono criticate perché non tengono in dovuto conto la qualità delle sentenze.

Un problema correlato è la scelta tra misure assolute e misure basate sul valore aggiunto. Nel caso dell'istruzione, la performance assoluta di studenti con un buon background famigliare è probabilmente migliore di quella di studenti provenienti da gruppi più svantaggiati, indipendentemente dal contributo dell'insegnante. Per ovviare a questo problema sarebbe necessario misurare il miglioramento dello studente tra due test successivi, misurando, per esempio, i cambiamenti di ranking nella distribuzione nazionale. Inoltre sarebbero necessari dati adeguati per tenere in considerazione le caratteristiche famigliari ed ambientali che determinano la performance degli studenti e sulle quali gli insegnanti non possono intervenire (vedi OECD 2008B). Anche sotto questo profilo lo stesso problema esiste per i giudici, che sono disposti ad accettare una valutazione della loro performance solo se essa avviene controllando per quelle caratteristiche del lavoro che non dipendono dai giudici stessi ma dal contesto in cui essi operano (come la qualità e la quantità dei casi assegnati).

Un altro problema comune è che giudici ed insegnanti spesso lavorano in team e la valutazione di un gruppo è più problematica di quella individuale (Holmstrom 1982). Nel caso della giustizia questo è ovvio nelle situazioni in cui un gruppo di giudici lavora in pool per le indagini o deve prendere decisioni collegiali. Lo stesso vale per gli insegnanti: se gli studenti non sanno risolvere un problema di matematica questo potrebbe essere dovuto alle loro scarse abilità matematiche ma anche al fatto che non sanno leggere e capire adeguatamente il linguaggio delle domande.

Soluzioni basate sulla valutazione relativa della performance per incentivare i dipendenti pubblici (ossia le soluzioni che ispirano la Legge Brunetta) sono oggetto di critica nella letteratura perché possono disincentivare la cooperazione tra i membri di un team. Questo problema appare potenzialmente molto rilevante in ambiti quali quello dell'istruzione e della giustizia, in cui la cooperazione è particolarmente importante per il buon funzionamento del servizio pubblico.

Infine, il lavoro di giudici ed insegnanti viene considerato, spesso, come una missione, ossia come un'occupazione svolta non solo per conseguire una retribuzione monetaria ma anche per la motivazione intrinseca che essa può offrire. Quando tale motivazione entra in gioco, la valutazione, il controllo e l'incentivazione monetaria possono produrre risultati opposti a quelli ottenuti in altri contesti poiché possono demotivare il lavoratore, indurre un "moral crowding out" che distrugge le motivazioni intrinseche, offendere lo spirito cooperativo e produrre selezione avversa al momento dell'assunzione (Hayes 2005, Falk and Kosfeld 2006, Delfgaauw and Dur 2007, etc.). Ogni sistema di valutazione e di incentivazione per giudici, insegnanti ed altri dipendenti pubblici caratterizzati da motivazione intrinseca, non può essere definito efficacemente senza tenere nel dovuto conto questo problema.

Tasks 5 e 6

Oltre che dalle problematiche generali fin qui delineate, il contesto italiano è caratterizzato da una forte eterogeneità regionale nella performance della pubblica amministrazione (cfr. ad esempio Putnam 1993). I Progetti 5 e 6 studiano questa variabilità regionale in due modi complementari.

Il Progetto 5 affronta il tema di come gli impiegati pubblici reagiscano agli incentivi, verificando gli effetti della diversa applicazione della Legge Brunetta (133/2008) nel Trentino e nel Veneto. Questa legge, volta a ridurre l'assenteismo attraverso un cambiamento dell'incentivo ad assentarsi per malattia, sarà implementata solo parzialmente dalla Provincia di Trento. Ciò dà vita ad una situazione quasi-sperimentale che ci consentirà di valutare come diversi incentivi influenzino la performance del pubblico impiego sulla base del confronto tra le due regioni ristrette specificamente alla zona di confine. Poche analisi empiriche hanno potuto sfruttare un contesto così favorevole per identificare il ruolo degli incentivi sull'assenteismo (cfr. i contributi sul tema tra i riferimenti bibliografici). Un esempio è Ziebarth (2009) che utilizza la riforma nei compensi da malattia introdotta in Germania nel 1996. Nagin e altri (2002) studiano invece gli effetti di un esperimento svolto in un call-center, dove l'intensità del monitoraggio da parte del datore di lavoro variava in modo casuale tra i lavoratori. Il nostro contesto quasi-sperimentale può produrre un valore aggiunto importante in questa letteratura. Intendiamo inoltre studiare come lavoratori pubblici caratterizzati (almeno approssimativamente) da livelli comparabili di motivazione intrinseca reagiscano a incentivi esterni differenti.

Il Progetto 6 parte invece dalle ricerche di Bainfield (1956), Coleman (1988) e Putnam (1993) volte a studiare come il capitale sociale possa spiegare le differenti performance della pubblica amministrazione tra le regioni italiane. L'obiettivo è comprendere come la cultura, il capitale sociale e le motivazioni intrinseche interagiscano con gli incentivi economici standard. Alcuni studi recenti forniscono spunti importanti a questo fine [si veda Guiso e altri (2006), Ichino e Maggi (2000), Gneezy e Rustichini (2000a), Bowles e Hwang (2008)]. Vogliamo contribuire a questa letteratura valutando come due leggi entrate in vigore in modo identico su tutto il territorio abbiano prodotto in un caso effetti similari in tutte le regioni, e nell'altro effetti differenti tra Nord e Sud.

Testo inglese

Task 1,2,3,4

There is a large economic literature on the evaluation of teachers and schools for many countries (see the references for a partial list of the relevant citations). Most of this literature typically focuses on the evaluation of specific features of the educational environments in different countries, while normative research on how to design an optimal evaluation and incentive system is less frequent. Several international and national research institutes have completed an important documentation effort that describes how existing systems actually work in different countries (for example, the series of Quaderni TREELLE 2002-2007, OECD 2008, 2009), but normative research is still lagging behind because of the specific and intrinsic difficulty of an evaluation of teaching jobs, as for example discussed in Bertola and Checchi (2008, 2010) and in Checchi, Ichino and Vittadini (2008).

Many of these problems are common to the design of an evaluation and incentive system for judges (see Contini 2008, Coviello, Ichino and Persico 2009, Minniti 2010, Bianco 2007). Any research aimed at the optimal design of such an incentive and evaluation system in the fields of education and justice, must keep these problems well present on the radar screen and possibly address them.

The first one is how to define and measure the outcome of interest, given that for both teachers and judges, output cannot be measured in monetary values or other easily identifiable and commonly accepted measurement units. A good example of this problem is the choice between a quantitative or a qualitative assessment of students achievements for the goal of evaluating teachers. On the one hand standardized tests allow for the construction of objective and comparable measures of what students have learned at different stages of their career. A large literature (see references) have constructed measures of teachers performance based on these quantitative assessments of students learning. However these assessments have been criticised, particularly in the UK, because they induce the practice of "teaching to the test" and because they cannot do justice of the wide set of qualitative characteristics that make a good teacher. For judges, measures of performance based on the number and the duration of trials are criticized because they do not take into account the quality of decisions.

A related problem is the choice between "absolute" versus "value added" or "improvement" measures of performance. In the case of education the absolute performance of students with a good family background is likely to be better than the absolute performance of students from more disadvantaged groups independently of the contribution of teachers. Inasmuch as this is the case, what one would like to measure is the improvement of students performance between subsequent tests, as for example measured by the change in the percentile of students performance in some relevant distribution. Moreover adequate data are needed to control for the family and neighbourhood characteristics that determine the performance of students and are not under the control of teachers (see, for example, OECD 2008B). Once again the same problem exist for judges who are willing to accept an evaluation of their performance only if it is capable to take into account and control for the exogenous contextual conditions in which each judge has to work (e.g. the quality and quantity of cases assigned to the judge; see Minniti, 2010)

A further common problem is that both judges and teachers often work in teams and the evaluation of teams is well known to be more problematic than the evaluation of individual workers (Holmstrom 1982). In the case of justice, this is obvious in all those instances in which judges have to cooperate on investigations or to jointly take decisions. As for teachers, if students cannot solve a math problem, it may be because they have insufficient mathematical skills or because they cannot read and understand properly the language of the questions.

Solutions based on relative performance evaluation to design an incentive system for public employees (i.e. the solutions that inspire the "Brunetta Law" recently approved in Italy) have been often criticised in the literature because they reduce cooperation among public employees. This is particularly disruptive in environments, like those of education and justice, in which such cooperation is important for a good performance of the organization (see Lazear 1995)

Finally, it is often argued that the work of judges and teachers is a "mission" that is rewarded also by intrinsic motivation. In these cases, as extensively shown in the literature, evaluation, control and monetary incentives can produce opposite results than in other contexts, because they can de-motivate workers and induce moral crowding out that kills intrinsic motivation, offends their cooperative spirit and produce adverse selection at hiring (Hayes 2005, Falk and Kosfeld 2006, Delfgaauw and Dur 2007, etc.). Any evaluation and incentive system for teachers, judges and other intrinsically motivated public employees cannot be effectively designed without first understanding the role played by intrinsic motivation.

Tasks 5 and 6

The Italian situation adds to the above list of general issues in the evaluation of public employees, the specific problems that derive from the heterogeneity in performance among different areas of the country (see for instance, Putnam 1993). Tasks 5 and 6 exploit these regional variability in two complementary ways.

Task 5 addresses the question of the extent to which public employees react to incentives, by comparing the effects of the different implementation of the Law 133/2008 between Trentino and Veneto. The Law, which is aimed at reducing absenteeism through changes in the incentives to go on sick leave, will be implemented only partially by the Province of Trento. This fact generates a quasi experimental setting that will allow us to address the question of how different incentives affect the performance of public employees in a context in which, at the border of the two regions, other confounding factors can be held constant and in which the outcome variable is more easily measurable. Few empirical analyses have been able to exploit such a favorable situation to identify the role of incentives on absenteeism (see references for a list of papers on this issue). One example is Ziebarth (2009), who exploits the reform of sick absence benefits that took place in Germany in 1996. Nagin et al. (2002) uses a controlled experiment implemented in a call-center, in which the intensity of monitoring was randomly changed among workers. We believe, that our quasi experimental set up can produce interesting value added within this literature. In this setting, we also plan to compare how public workers with arguably different intrinsic motivation reacts to different incentives in order to shed light on the relationship between intrinsic motivation and extrinsic incentives.

Task 6 instead builds on the field works of Banfield (1956), Coleman (1988) and Putnam (1993) to study how the role of social capital affects the performance of the public administration in those Italian regions in which institutions and incentives are set similarly and yet behaviour and performance differ widely. The aim is to investigate the way in which culture, social capital and intrinsic motivations interact with standard economic incentives. Some recent studies provide relevant insights into this question (see [Guiso e altri (2006); Ichino e Maggi (2000), Gneezy e Rustichini (2000), Bowles e Hwang (2008)]). We add to this literature by comparing how two laws, implemented identically over the entire country, have produced in one case similar effects in all regions while in the other case the effects have been different between Northern and Southern Italy.

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12 - Descrizione del progetto e dei compiti dell'Unità di Ricerca

Testo italiano

TASK 1: Evidenza econometrica per la definizione del "Sistema Nazionale di Valutazione delle Scuole e degli Insegnanti".

Questo parte del progetto si propone di ottenere risultati econometrici ed effettuare simulazioni che possano contribuire allo sviluppo del nuovo Sistema Nazionale di Valutazione delle Scuole e degli Insegnanti (SNV). Il coordinatore del progetto, Andrea Ichino, è attualmente membro del comitato presso il Ministero dell'Istruzione al quale è stato chiesto di disegnare i lineamenti del SNV. Uno dei pilastri del SNV sarà la valutazione dei risultati scolastici degli studenti italiani ottenuti mediante test standardizzati somministrati a vari stadi della carriera scolastica (test INVALSI). Collegando i risultati dei test ai dati individuali dell'Anagrafe Nazionale degli Studenti (ANS) in corso di attivazione, il SNV si propone di stilare una classifica delle scuole italiane, simile a quella esistente in altri paesi (ad esempio le School League Tables nello UK). Tuttavia una tale graduatoria non può essere meramente basata sui risultati assoluti raggiunti da studenti di scuole differenti, poiché gli apprendimenti dipendono anche da caratteristiche ambientali e familiari che non sono sotto il controllo delle scuole. La letteratura ha identificato due tipi di strategie empiriche per affrontare questo problema. La prima consiste nell'adozione di tecniche econometriche che consentano la comparazione dei livelli di apprendimento dopo aver controllato per i fattori osservabili che non dipendono né dalla qualità del lavoro dall'insegnante né dall'organizzazione scolastica. Questa strategia, resa possibile dalla ANS, non è tuttavia completamente soddisfacente poiché non consente di controllare per eventuali fattori di contesto non osservabili. Una soluzione alternativa consiste nel misurare il "valore aggiunto" dalla scuola nell'apprendimento tramite la comparazione dei risultati ottenuti dagli studenti in test consecutivi (OCSE 2008B). Anche questa strategia soffre tuttavia di alcuni limiti: i numeri di risposte corrette nei test di valutazione somministrati in momenti diversi della carriera scolastica non possono essere comparati in modo diretto. D'altro canto, variazioni intertemporali della posizione dello studente all'interno della graduatoria nazionale possono consentire, sotto opportune ipotesi, una misurazione del valore aggiunto. Queste strategie empiriche necessitano di essere simulate e testate prima della loro applicazione effettiva ai fini del SNV e questo è l'obiettivo che ci proponiamo di raggiungere.

TASK 2: Valutazione relativa della performance e disincentivi alla cooperazione tra gli impiegati pubblici: evidenza sperimentale.

Il Ministero per la Pubblica Amministrazione ha recentemente promosso una riforma del settore pubblico che prevede l'introduzione di incentivi ai lavoratori basati sulla valutazione relativa della performance (Legge Brunetta). Il nostro progetto si propone di studiare se e in quale misura questo tipo di valutazione relativa riduce gli incentivi alla cooperazione tra i componenti di un team, in un contesto sperimentale controllato offerto dagli studenti di una classe universitaria. Ci concentriamo in particolare sulla interazione tra abilità degli studenti e incentivi offerti dagli insegnanti attraverso strumenti diversi di valutazione. L'esperimento che ci proponiamo di condurre prevede tre trattamenti: un torneo (che dovrebbe incentivare la competizione), un gioco cooperativo (che dovrebbe incentivare la condivisione di informazioni) e un trattamento neutro di controllo. Un elemento importante della nostra analisi è la possibilità di controllare per l'abilità degli studenti utilizzando la loro performance universitaria precedente. L'ipotesi è che in contesti caratterizzati da eterogeneità delle abilità degli agenti, la valutazione relativa della performance possa generare effetti di competizione non necessariamente desiderabili a seconda della scelta del gruppo di riferimento. Ci proponiamo anche di estendere l'analisi ai casi di formazione endogena dei gruppi, comparando i risultati con quelli originati da gruppi formati esogenamente.

TASK 3: Valutazione delle scuole superiori e dei dipartimenti universitari di medicina, realizzata utilizzando i test di ammissione alle facoltà di medicina.

Circa 50000 studenti all'anno hanno recentemente tentato di superare il test per l'ammissione alla facoltà di medicina. Questo test contiene le stesse domande standardizzate in tutti gli atenei del paese. Abbiamo la possibilità di incrociare i risultati individuali del test con l'Anagrafe Nazionale degli Studenti (ANS) che contiene informazioni sulle carriere scolastiche e sul voto di maturità. In questo modo, sarà possibile individuare quali scuole superiori formano gli studenti che raggiungono i risultati migliori nel test e allo stesso tempo confrontare i voti assegnati dalle scuole con quelli di un test standardizzato. Questo tipo di analisi non potrà fornire una classifica completa delle scuole italiane (anche solo per il fatto che non tutte formano studenti che tentano l'iscrizione alla facoltà di medicina), ma potrà fornire informazioni preziose sulla corrispondenza tra test standardizzati e voti attribuiti dalle scuole, in particolare in presenza di differenze regionali elevate in questi ultimi.

Lo stesso dataset può essere utilizzato anche al fine di valutare i dipartimenti universitari di Medicina sulla base delle preferenze rivelate dagli studenti che chiedono l'ammissione. Trattandosi di un test standardizzato abbiamo la possibilità di misurare le abilità degli studenti che lo hanno svolto. In questo modo, utilizzando un modello di competizione spaziale sotto l'assunzione che studenti migliori cerchino di entrare nei dipartimenti migliori, condizionatamente alla distanza ed ai costi associati al trasferimento, vogliamo individuare sotto quali ipotesi le scelte degli studenti ed i loro risultati nel test possono essere aggregati al fine di generare una classifica dei dipartimenti di medicina.

TASK 4: Evidenza econometrica e sperimentale per la valutazione dei giudici e per il miglioramento delle loro performance.

L'obiettivo di questa progetto è studiare una serie di indicatori oggettivi che possano essere utili nella valutazione della produttività dei giudici. Il coordinatore Andrea Ichino, è stato consultato in passato dal Consiglio Superiore della Magistratura al fine di definire indicatori in grado di misurare la produttività dei giudici. Come nella caso degli insegnanti, la difficoltà risiede nel comparare giudici che sono impegnati in differenti contesti e che devono affrontare tipologie differenti di casi sia in termini qualitativi che quantitativi. Il nostro obiettivo è quello di analizzare il problema proponendo strategie empiriche utili alla misurazione della produttività dei giudici, basandosi anche su ricerche già effettuate dal Coordinatore e dai suoi co-autori (Coviello, Ichino, Persico 2010A, B; Ichino, Polo, Rettore 2003)

A questo proposito, l'unità di ricerca avrà accesso ai dati del Tribunale e Corte d'appello di Roma e Napoli (Sezioni Lavoro), del Tribunale di Bologna e ai dati relativi ai tribunali di Torino e Milano che sono stati oggetto di una precedente ricerca. La predisposizione dei dati ai fini dell'analisi econometrica richiederà una mole considerevole di lavoro, tuttavia l'esperienza maturata nella precedente analisi dei dati milanesi e torinesi permetterà di affrontare con maggiore facilità questo problema.

Un vantaggio importante dei nuovi dati relativi ai tribunali di Roma e Napoli consiste nella possibilità di osservare la storia dei casi che arrivano fino alla Corte d'Appello. La frequenza degli appelli e la frequenza degli annullamenti in appello delle sentenze di primo grado, possono essere considerate come misure plausibili della qualità delle decisioni adottate dalla corte inferiori. Grazie all'analisi di questi dati, l'unità di ricerca sarà in grado di identificare l'esistenza di un eventuale tradeoff in termini di "quantità" e "qualità" per quanto concerne le decisioni adottate dai giudici.

Ci proponiamo anche di sfruttare la disponibilità espressa dai tribunali di Roma e Bologna circa la possibilità di sperimentare nuove modalità organizzative orientate ad aumentare la produttività dei giudici. In particolare, sulla base di precedenti studi dei componenti dell'unità, tre sono le soluzioni su cui vorremmo concentrare la sperimentazione:

(1) Testare tramite un esperimento controllato i benefici dell'organizzazione del lavoro "sequenziale" in alternativa al lavoro in "parallelo" descritti in Coviello et al. 2010A,B. Nello specifico, vorremmo verificare sperimentalmente se giudici che lavorano su pochi casi alla volta - e che quindi organizzano il loro lavoro in modo da chiudere i processi attivi prima di affrontarne di nuovi - sono in grado di completare il proprio carico di lavoro impiegando mediamente meno tempo, di

completare più processi per ogni unità di tempo e di avere un minore carico di lavoro pendente in ogni dato istante.

(2) Sperimentare in ambiente controllato la possibilità di incrementare la produttività di un tribunale tramite l'adozione di uno schema organizzativo analogo a quello utilizzato nei reparti ospedalieri d'emergenza: ossia, in un primo stadio (Triage) tutti i casi vengo rapidamente esaminati e classificati in base alla loro urgenza (codice verde, giallo, blu, rosso). Successivamente vengono smaltiti in maniera sequenziale in accordo al loro grado di urgenza da giudici assegnati appositamente (almeno in via temporanea) ad ogni specifico grado di urgenza.

(3) Come messo in evidenza in ricerche precedenti (Coviello et al 2010A,B) ogni volta che un giudice viene trasferito in una nuova sede, i casi a lui/lei assegnati accusano un severo aumento del tempo necessario per arrivare ad una conclusione (approssimativamente 1 anno presso il tribunale del lavoro di Milano). In Italia i giudici possono chiedere il trasferimento ogni tre anni. E' facile intuire come questa dinamica possa contribuire all'incremento medio della durata dei processi che rappresenta uno degli aspetti più problematici del sistema giudiziario italiano nel suo complesso. Vogliamo quindi disegnare esperimenti che suggeriscano soluzioni organizzative capaci di limitare le conseguenze negative del trasferimento di un magistrato sull'efficienza di un ufficio.

Task 5: Impiegati pubblici, assenteismo e differenti incentivi ai due lati del confine tra Trentino e Veneto

Il settore pubblico italiano è caratterizzato da un elevato assenteismo, generalmente maggiore rispetto al settore privato (+38% nel 2007). Questa differenza è stata spiegata con una maggiore tendenza a comportamenti opportunistici nel pubblico impiego. D'altra parte, diversi altri fattori potrebbero spiegarla: effetti di composizione della forza lavoro, poiché l'assenteismo è correlato con il grado di protezione dell'impiego; effetti di selezione, se i lavoratori con salute peggiore tendono maggiormente a lavorare nel pubblico; infine, comportamenti opportunistici, poiché il costo atteso di essere identificati come opportunisti è minore nel pubblico impiego.

La Legge Brunetta, L.133/2008, ha introdotto due misure per combattere l'assenteismo: (a) una riduzione della remunerazione durante la malattia, (b) un rafforzamento del monitoraggio delle assenze per malattia. Identificare il ruolo di ciascuna di queste misure non è semplice, poiché sono state introdotte contemporaneamente in gran parte del territorio. Ciononostante questa identificazione è importante, poiché la misura (a) colpisce tanto l'assenteismo dovuto a vera malattia quanto il comportamento opportunistico, mentre la politica (b) dovrebbe colpire solo coloro che si fingono malati.

A questo scopo, sfrutteremo una caratteristica peculiare del contesto istituzionale italiano: la Provincia Autonoma di Trento è intenzionata a recepire la legge solo in parte. In particolare, non rafforzerà il monitoraggio delle assenze [misura (b)], mentre implementerà la misura (a). Misurando la differenza nei trend del tasso di assenze negli uffici pubblici sui due lati del confine tra la Provincia di Trento e il Veneto, potremo identificare l'effetto di una pura riduzione nell'incentivo a favore di comportamenti opportunistici sull'assenteismo per malattia.

La gran parte dei dati amministrativi necessari per lo studio sono già stati raccolti dal Ministero della Pubblica Amministrazione e dalla Ragioneria Generale dello Stato. Ulteriori dati sono disponibili per la Provincia di Trento, grazie alla recente Legge Provinciale sulla trasparenza 9/2010.

Il nostro scopo è rispondere alle seguenti domande: i. Quali sono stati gli effetti di ciascuna misura messa in atto dalla Legge 133? ii. Qual'è il ruolo dei comportamenti opportunistici nelle assenze per malattia degli impiegati pubblici? iii. Esistono eterogeneità in tali comportamenti che possono essere messe in relazione con le motivazioni intrinseche dei lavoratori?

TASK 6: Cosa possiamo apprendere sulle differenze Nord-Sud della pubblica amministrazione guardando agli effetti dell'implementazione della legge Brunetta e della legge sulla patente a punti?

Lo scopo di questo progetto è studiare le differenze regionali negli incentivi e nella produttività dei dipendenti della pubblica amministrazione attraverso il confronto degli effetti di due leggi recentemente introdotte in Italia (la Legge 133/08 sulle assenze, "legge Brunetta", e la Legge 151/2003 sulla patente a punti) il cui scopo è ridurre comportamenti socialmente non desiderabili (l'assenteismo dei dipendenti pubblici e abitudini di guida pericolose, rispettivamente).

L'obiettivo primario della ricerca è rispondere a questa domanda: la risposta agli incentivi è simile tra le regioni italiane? Questa domanda è importante per via della possibilità che gli incentivi estrinseci possano essere compensati, addirittura dominati, da fattori culturali e altri incentivi intrinseci specifici ad una certa area geografica. Quando questo avviene, politiche che mirano ad aumentare la produttività dei dipendenti pubblici sono più difficili da valutare perché possono avere un impatto diverso in regioni diverse. Tuttavia, quando questo non avviene, allora le differenze regionali di produttività del settore pubblico riflettono differenze regionali nell'implementazione degli incentivi economici e, più in generale, nel sistema di deterrenza.

Entrambe le leggi forniscono incentivi economici diretti a scoraggiare certi comportamenti. Sotto la condizione che le nuove regole sono chiare, credibili, ed applicate allo stesso modo tra le diverse regioni, ci si può aspettare che abbiano gli stessi effetti ovunque, a parità di altre condizioni.

Tuttavia, c'è una differenza fondamentale tra i due "esperimenti": mentre il far rispettare le regole della patente a punti è soggetto sia a discrezione del controllore sia a eternalità di congestione dovute al fatto che i controllori non possono controllare tutti i potenziali violatori, le norme anti assenteismo sono ad applicazione automatica: un dipendente pubblico sa per certo che l'assenza per malattia causerà una decurtazione dello stipendio, e quasi certamente un'ispezione a domicilio. Quindi, dopo aver controllato per le caratteristiche individuali e altre determinanti del comportamento specifiche ad un luogo, le differenze regionali nella risposta a queste due politiche deve riflettere la differenza nella struttura degli incentivi.

Alcune analisi preliminari da dati aggregati suggeriscono un forte effetto della patente a punti nell'Italia settentrionale e centrale e un effetto simile ma più debole nell'Italia meridionale. Tuttavia, l'intensità di utilizzo dei veicoli nelle tre aree del paese è diversa, quindi sarà necessaria un'analisi più dettagliata per considerare questa differenza. Le norme anti-assenteismo, al contrario, sembrano aver avuto un effetto simile nelle tre aree.

Testo inglese

TASK 1 Econometric evidence for the design of the "Sistema Nazionale di Valutazione delle Scuole e degli Insegnanti".

This task aims at producing econometric results and simulations that can help in the design of the new Sistema Nazionale di Valutazione delle Scuole e degli Insegnanti (SNV). The coordinator of the project, Andrea Ichino, is member of the committee at the Ministry of Education (Comitato Tecnico Scientifico) that has been asked to advise in the design of the SNV. One of the pillars of the SNV will be the assessment of learning achievements of Italian students, based on standardized tests given at different stages of the students' careers (INVALSI tests). Matching these tests with the forthcoming Anagrafe Nazionale degli Studenti (ANS), the SNV aims at producing a ranking of Italian school, similar to the rankings that exists in other countries, in particular the UK (The School League Tables). Such a ranking, however, cannot be simply based on the absolute learning achievements of students in different schools, because achievement depends also on contextual characteristics that are not under the control of schools (e.g. family background, neighborhood characteristics). The literature has identified two types of empirical strategies to address this problem. One consists in using econometric techniques to compare learning achievements after controlling for observable confounding factors that are independent of the performance of school and teachers. This strategy is possible using the information that will be provided by the ANS, but one could argue that it is not completely satisfactory because it cannot control for unobservable contextual characteristic. An alternative is to measure the "value added" in learning achievement via the comparison of students performance in consecutive tests (see OCSE 2008B). Also this strategy has its own problems because the number of correct answers in achievement tests at different stages of the students careers, are not directly comparable. But changes in the ranking of students within the national distribution of outcomes of each test can be made comparable in various ways. These empirical strategies, need to be simulated and tested before the SNV can be actually implemented, made public and start to produce effects. Our goal is to perform the preliminary econometric testing and simulation that are necessary for the implementation of the SNV.

TASK 2 Relative performance evaluation and disruption of team cooperation among public employees: experimental evidence.

The Italian Public Employment Ministry has recently launched a reform of the public sector which includes proposals for the introduction of relative performance incentives for workers. In this task we study if and to what extent relative performance decreases cooperation among workers, using a controlled experimental setting offered by students in a university classroom. We focus on the interplay between students' ability and the incentives provided by the teacher through different kinds of evaluation schemes. The experiment we plan to run employs three different treatments: a tournament (that fosters competitions between coupled students), a cooperative scheme (that gives incentives to information sharing and cooperation between subjects) and a control treatment. An important feature of our setting is the possibility to measure the ability of subjects using their previous university performance. We suspect that in environments characterized by heterogeneity in the agents' ability, relative performance evaluation schemes may generate different and not necessarily desirable effects depending on the reference group composition. We plan also to extend this analysis looking at endogenous team formation and self-selection, contrasting the results with the case of exogenous team formation.

TASK 3 Evaluation of high schools and medical university departments based on admission tests in medical schools.

Approximately 50000 thousands students per year have recently tried the admission test to medical schools in Italy. This admission test is a national examination that features the same standardized questions over the entire country. We have the possibility to match individual results of these tests with data from the Anagrafe Nazionale degli Studenti (ANS) that contains information on the careers of students and on their end-of-highschool examination (Maturità). This dataset will allow us to identify which are the Italian high-schools whose students do well in the admission test. It will also allow us to compare school specific grades with results in a standardized test. This would not be a complete and reliable ranking of Italian schools (also because not all schools send students to medical studies), but it would provide interesting information on the usefulness of standardized learning tests, as opposed to students school-specific grades, particularly in the presence of huge regional differences in high-school grading.

The same dataset may also serve the purpose of evaluating medical departments based on the revealed preferences of students applying to them. Within the ANS universe of Italian students that could potentially take the test, we can identify those who try the test and for whom we can thus measure performance in a comparable way. Since the test is national and standardized for all medical schools, it provides a measure of students' ability. Using spatial models of firms' competition, under

the assumption that better students seek admission in better departments, conditional on distance and moving costs, we want to find the assumptions under which the students' choices and their performance in the test can be aggregated into a ranking of medical departments.

TASK 4. Econometric and experimental evidence for the evaluation of judges and the improvement of their performance.

The goal of this task is to study a set of measurable indicators that could help in evaluating the performance of judges. The coordinator of the project, Andrea Ichino has been consulted in the past by the Consiglio Superiore della Magistratura on the question of how to measure the effort and productivity of judges. As in the case of teachers, the difficulty is to compare judges who work in different contextual conditions and with different portfolios of cases in terms of quantity and quality. Our goal is to study this question and to provide a feasible empirical strategy to measure the performance of judges, based on previous work of the Coordinator and his coauthors (Coviello, Ichino, Persico 2010, A and B; Ichino, Polo, Rettore 2003). To this end, the research team will be able to access data from the Labor Law Court of Rome and Naples (Tribunale and Corte d' Appello) and from the Tribunale of Bologna (all Sections but without Corte d'Appello), in addition to the data of the Courts of Milan and Turin already analyzed in previous work. The preparation of these data for econometric analysis will require a considerable amount of work, but the experience acquired in the study of the courts of Milan and Turin will allow us to tackle this task. A major advantage of the new data at our disposal for Rome and Naples is the possibility to check what happens to the cases that go to the appeal court. The frequency of appeal and the frequency of sentence reversal after an appeal are arguably measures of the quality of the decision of lower court judges. Thanks to this dataset, we will be able to measure the existence of a tradeoff between "quality and quantity" in the decision of judges.

A second set of goals within this task will be to exploit the offer of the courts of Rome and Bologna to experiment different organizational solutions to improve the performance of judges. There are three possible experiments we would like to design on the basis of our previous studies.

1) To test in a controlled experiment the benefits of sequential working as opposed to parallel working, that we have identified in our papers on task juggling (Coviello et al 2010a,b). Specifically, the claim to be tested is that judges who work on few cases at the same time, trying to close them before opening new ones, can complete all their assigned workload in less time on average, can complete more cases per unit of time, and will have a smaller pending workload at any moment in time.

2) To experiment in a controlled fashion whether the performance of a court would improve if the assignment of cases to judges were organized as in emergency rooms of hospitals. That is, first cases are examined briefly in order to assign them to a different urgency code (green, yellow, blue, red) and then are treated sequentially within each gravity code, by specific judges assigned (at least temporarily) to each code.

3) As we have shown in previous research (Coviello et al, 2010B) every time a judge is transferred to a different office, the cases assigned to him or her experience a huge increase of expected duration (1 year approximately in the labor court of Milan). Judges in Italy can ask to be transferred between offices at least every three years. It is easy to see how this "musical chairs" game may increase the average duration of trials in Italy, which is one of the major problems of our judicial system. We want to design and implement experiments that could suggest how to reduce the disruption caused by the transfer of a judge to a different office.

TASK 5 Public employees, absenteeism and different incentives across the regional border between Trentino and Veneto

High absenteeism is a well-known characteristic of the Italian public sector. In 2007, sick absence rates among public employees was 38% higher than in the private sector. This difference is claimed to signal a higher level of shirking in the public sector. However, various factors may play a role: labor force composition effects, since absenteeism is positively correlated with the degree of employment protection; selection effects, as low-health workers may be more likely to be hired by the public sector; and, finally, shirking, since the cost of being caught while shirking may be lower for a public employee. The Law 133/2008 introduced two main measures to fight absenteeism and shirking: (a) a decrease in sick leave compensation, and (b) a strengthening in monitoring sick absence. Disentangling the role of each of them is not easy, since the Law was uniformly implemented in most part of Italy. However, it would be useful to do it because while policy (a) affects both true sick absenteeism and shirking, a more intense use of monitoring is likely to decrease only the incentive to shirk. For this purpose, we will exploit a specific feature of the Italian institutional context: the Autonomous Province of Trento is planning to implement the law only partially. In particular, it is not willing to monitor tightly sick absences [policy (b)], while it will implement policy (a). Thus, by comparing the trend in absence rates for similar public offices immediately within and outside the borders of the Province, we will be able to identify the effect of a pure decrease in the incentive to shirk on sick absenteeism. Most of the administrative data needed for the evaluation have been collected by the Ministry of Public Administration and the State General Accounting Department. Additional data are available from the Province of Trento, thanks to the undisclosed act issued with the Provincial Law 9/2010.

We plan to answer the following questions: i. Which are the effects of each of the policies implemented by the L.133? ii. How big is the role of shirking among sick absenteeism in public offices? iii. Is there evidence of heterogeneity in shirking behaviors which can be related to intrinsic motivations?

TASK 6 What can we learn about north-south differences from the effects of the "Brunetta law" and of the "driving penalties law"?

The aim of this task is to learn about regional differences in the productivity and incentives of public employees from two policy changes recently implemented in Italy (Law 133/08 on absenteeism, "legge Brunetta", and Laws 151/2003 and 214/2003 on driver's license point system, "patente a punti") aimed at reducing undesirable social behaviors (absenteeism of public employees and dangerous driving habits, respectively). The primary goal of the research is to answer this question: is the response to incentives similar across different Italian regions? This question is important because of the possibility that extrinsic incentives may be partially offset, even be dominated, by cultural factors and other location-specific intrinsic incentives. When this is the case, policies aimed at increasing the productivity of public employees are harder to evaluate because the effect in different regions might be different. However, if this is not the case then regional differences in the productivity of public employees would reflect regional differences in the implementation of economic incentives and deterrence more generally.

We will look for an answer by studying in a comparative perspective the regional effects of the aforementioned laws. Both policies provide economic incentives to deter certain types of behavior. Under the condition that the new rules are clear, credible, and implemented equally across different regions one expects the effect to be the same across different regions, *ceteris paribus*. However, there is a fundamental difference between the two experiments: while the enforcement of driver's license point system is subject to both discretion and congestion externalities, anti-absenteeism norms are self-enforcing: a public employee knows that an absence will result for sure in a wage cut and almost for sure in an inspection. Therefore, after controlling for other individual and local determinants of behavior, differences in the response to these policies would reflect differences in the structure of incentives.

For a detailed study of the regional effects of these policies in this spirit, we will use Istat microdata from the Quarterly Labor Force Survey and Istat micro and aggregate data as well as police data on road violations, accidents, injuries, and deaths.

Preliminary data analysis on aggregate data suggests a strong effect of the driver's license point system in Northern and Central Italy; and a similar but weaker effect in Southern Italy. However, intensity of car usage in the three regions is different, so a detailed analysis of the effects should control for this difference. The anti-absenteeism norms, on the contrary, did have a similar effect across the three macro-regions of Italy.

13 - Descrizione delle attrezzature già disponibili ed utilizzabili per la ricerca proposta

Testo italiano

Nessuna

Testo inglese

Nessuna

14 - Elenco dei partecipanti all'Unità di Ricerca

14.1 Personale dipendente dall'Ateneo/Ente cui afferisce l'Unità di ricerca

14.1.a - Docenti / ricercatori / tecnologi

| n° | Cognome | Nome | Qualifica | costo annuo lordo (a) | mesi/persona previsti (b) | costo attribuito al progetto ((a/12)*b) |
|---------------|---------|------------|----------------------------|-----------------------|---------------------------|---|
| 1. | ICHINO | Andrea | Professore Ordinario | 123.612 | 1,4 | 14.421 |
| 2. | FORT | Margherita | Ricercatore non confermato | 39.180 | 1,2 | 3.918 |
| 3. | ZANELLA | Giulio | Ricercatore confermato | 57.840 | 1,2 | 5.784 |
| TOTALE | | | | | 3,8 | 24.123 |

14.1.b - Altro personale tecnico

Nessuno

14.2 Personale dipendente da altri Atenei/Enti

14.2.a - Docenti / ricercatori / tecnologi

| n° | Cognome | Nome | Università/Ente | Qualifica | costo annuo lordo (a) | mesi/persona previsti (b) | costo attribuito al progetto ((a/12)*b) |
|---------------|------------|--------|-------------------------|----------------------|-----------------------|---------------------------|---|
| 1. | RUSTICHINI | Aldo | University of Minnesota | Professore Ordinario | 0 | 1,1 | 0 |
| 2. | PERSICO | Nicola | New York University | Professore Ordinario | 0 | 0,5 | 0 |
| TOTALE | | | | | 0 | 1,6 | 0 |

14.2.b - Altro personale tecnico

| n° | Cognome | Nome | Università/Ente | Qualifica | costo annuo lordo (a) | mesi/persona previsti (b) | costo attribuito al progetto ((a/12)*b) |
|---------------|---------|------|-----------------|-----------|-----------------------|---------------------------|---|
| TOTALE | | | | | 0 | 0 | 0 |

14.3 Personale non dipendente

| n° | Cognome | Nome | Università/Ente | Tipologia | costo annuo lordo (a) | mesi/persona previsti (b) | costo attribuito al progetto ((a/12)*b) |
|---------------|----------|-----------|-----------------------------------|------------|-----------------------|---------------------------|---|
| 1. | MANARESI | Francesco | Università degli Studi di BOLOGNA | Dottorando | 0 | 1 | 0 |
| 2. | REGGIANI | Tommaso | Università degli Studi di BOLOGNA | Dottorando | 0 | 1 | 0 |
| 3. | NARDOTTO | Mattia | Università degli Studi di BOLOGNA | Dottorando | 0 | 1 | 0 |
| TOTALE | | | | | 0 | 3 | 0 |

14.4 - Personale non dipendente da destinare a questo specifico Progetto

| n° | Tipologia di contratto | costo annuo lordo (a) | mesi/persona previsti (b) | costo attribuito al progetto ((a/12)*b) | Note |
|---------------|------------------------|-----------------------|---------------------------|---|------|
| 1. | co.co.co. | 20.500 | 6,00 | 10.250 | |
| 2. | co.co.co. | 20.500 | 6,00 | 10.250 | |
| TOTALE | | 41.000 | 12 | 20.500 | |

15 - Mesi persona complessivi dedicati al Progetto

| | | Numero |
|---|--|-------------|
| 15.1 Personale dipendente dall'Ateneo/Ente cui afferisce l'Unità di ricerca | a) docenti / ricercatori / tecnologi | 3,8 |
| | b) altro personale tecnico | 0 |
| 15.2 Personale dipendente da altri Atenei/Enti | a) docenti / ricercatori / tecnologi | 1,6 |
| | b) altro personale tecnico | 0 |
| 15.3 Personale non dipendente già acquisito con altri fondi | a) assegnisti | 0 |
| | b) titolari di borse di dottorato | 3 |
| | c) titolari di borse di post-dottorato | 0 |
| | d) contratti di formazione specialistica | 0 |
| | e) collaboratori coordinati e continuativi | 0 |
| | f) co.co.pro | 0 |
| | g) borsisti | 0 |
| | h) altro | 0 |
| 15.4 Personale non dipendente da destinare a questo specifico Progetto | a) assegnisti | 0 |
| | b) titolari di borse di dottorato | 0 |
| | c) titolari di borse di post-dottorato | 0 |
| | d) contratti di formazione specialistica | 0 |
| | e) collaboratori coordinati e continuativi | 12 |
| | f) co.co.pro | 0 |
| | g) borsisti | 0 |
| | h) altro | 0 |
| TOTALE | | 20,4 |

16 - Costo complessivo dell'Unità di Ricerca

| Voce di spesa | Spesa in Euro | Descrizione dettagliata (in italiano) | Descrizione dettagliata (in inglese) |
|--|---------------|---|---|
| A - Spese di personale (cofinanziamento ateneo/ente; punti 14.1 (A.1) - 14.2 (A.2) - 14.3 (A.3); non superiore al 30% del costo del progetto) | 24.123 | tempo di ricerca a cofinanziamento speso dai componenti del gruppo di ricerca | research time allocated to the project that is used to co-fund the project itself |
| A - Spese di personale non dipendente da destinare a questo specifico progetto - punto 14.4 (A.4) | 20.500 | Personale a contratto non dipendente da destinare a questo specifico progetto | fixed-term contracts for staff hired specifically for this project |
| B - Spese generali (quota forfettaria pari al 60% del costo totale del personale, spesa A) | 26.774 | spese generali per lo svolgimento del progetto, missioni, convegni | general expenses, participation to conferences; visits to the other nodes to foster cooperation |
| C - Attrezzature, strumentazioni e prodotti software | 9.700 | acquisto di computers e software per le attività di elaborazioni dati | purchase of computers and software to manage data and perform estimations |
| D - Servizi di consulenza e simili | | | |
| E - Altri costi di esercizio | | | |
| Costo Complessivo dell'Unità di Ricerca | 81.097 | | |
| Finanziamento MIUR | 56.768 | | |
| Costo a carico Ateneo / Ente | 24.329 | | |

I dati contenuti nella domanda di finanziamento sono trattati esclusivamente per lo svolgimento delle funzioni istituzionali del MIUR. Incaricato del trattamento è il CINECA- Dipartimento Servizi per il MIUR. La consultazione è altresì riservata al MIUR - D.G. per il Coordinamento e lo Sviluppo della Ricerca -- Ufficio V -- Settore PRIN, alla Commissione di Garanzia e ai referee scientifici. Il MIUR potrà anche procedere alla diffusione dei principali dati economici e scientifici relativi ai progetti finanziati.

Firma _____

Data 22/05/2010 ore 14:45

Testo italiano

1. **FORT Margherita**

Curriculum:

CONTATTI

Office

Dipartimento di Scienze Economiche

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Home-page: <http://www2.dse.unibo.it/fort/eng/index.htm>

INFORMAZIONI PERSONALI

Nome e cognome: Margherita Fort

Data di nascita: 10 Febbraio, 1977

Sposata, un bimbo (3 giorni)

INTERESSI DI RICERCA E COMPETENZE

Valutazione di politiche e Microeconometria

Economia dell'istruzione e delle scelte di fecondità

Disuguaglianza e dinamiche della povertà

POSIZIONE ATTUALE E RECENTE

Ottobre 2007-oggi

Ricercatore settore SECS-P/05, Facoltà di Economia Università di Bologna

Dipartimento di Scienze Economiche Università di Bologna

Settembre 2008, Settembre 2009

Teaching Assistant, Centro Interuniversitario di Econometria Bertinoro, Italia

Settembre 2006-Agosto 2007

Max-Weber Fellow presso Istituto Universitario Europeo, Dipartimento di Scienze Economiche

Ottobre 2009-oggi

Membro di Centre for Household, Income, Labour and Demographic Economics (CHILD)

2001- 2008

Membro del gruppo di ricerca "Evaluating the effects of labour market policies and incentives to firms and welfare policies: methodological issues and case studies" co-ordinato da Prof. Rettore, Università di Padova

POSIZIONI PRECEDENTI

Novembre 2006

Teaching Assistant (Programma di dottorato in Economia), Istituto Universitario Europeo

Aprile-Agosto 2006

Assegnista di ricerca presso l'Università di Padova, Dipartimento di Scienze Economiche, progetto "Analysing the effects of school reforms on wages and health in Europe"

Febbraio-Marzo 2006 e Novembre-Dicembre 2005

Assegnista di ricerca presso l'Università di Padova, Dipartimento di Scienze Economiche nell'ambito dei progetti Advanced Multidisciplinary Analysis of New Data on Aging (AMANDA) e Survey on Health, Ageing and Retirement in Europe (SHARE)

Ottobre 2005

ECASS Visiting Fellow presso University of Essex, Institute of Social and Economic Research (ISER)

Gennaio - Ottobre 2005

Assegnista di ricerca presso l'Università di Padova, Dipartimento di Scienze Statistiche progetto "Evaluating the effects of labour market policies and incentives to firms and welfare policies: methodological issues and case studies"

Ottobre - Novembre 2004, 2005 e Maggio - Giugno 2003, 2004, 2006

Teaching Assistant presso l'Università di Padova, Facoltà di Scienze Statistiche e Facoltà di Economia

ISTRUZIONE

Gennaio 2002 - Giugno 2005

Dottorato in Statistica Applicata alle Scienze Economiche e Sociali (difesa: 30 Settembre, 2005), Università di Padova. Supervisor: Prof. E. Rettore.

Commissione: Prof. G. Pellegrini (Università di Bologna), Prof. F. Billari (Università Bocconi), Prof. Biagi (Università di Padova)

Marzo 2007

Masterclass su modelli non lineari dinamici per dati longitudinali. Cemmap, Londra, Regno Unito. Tutor: M. Arellano

Settembre 2004

Agent-Based Models in Demography. Università di Padova, Italia. Tutors: F. Billari, T. Fent

Graphical Models and their Applications. Università di Padova, Italia. Tutor: V. Didelez

Settembre 2003

XIVth Summerschool of the European Economic Association (Microeconometrics), Institute of

Fiscal Studies London, UK. Tutors: J. Wooldridge, S. Bond, H. Ichimura, A. Chesher, W. Newey

Qualitative Research Methods In Demography, Università di Padova, Italia. Tutor: L. Bernardi

Maggio 2003

Masterclass on semi- and non- parametric econometrics. Cemmap. Londra, Regno Unito Tutor: J.L.

Powell

Febbraio 2003

Masterclass on quantile regression Cemmap, Londra, Regno Unito. Tutor: R. Koenker

Gennaio- Marzo 2003

Masterclass on application of data analysis (survival analysis and panel data methods).

Università dell' Essex. Tutors: J. Ermisch, S. Jenkins, M. Francesconi, M. Taylor

Masterclass on topics in labour economics, Università dell' Essex Tutor: A. Gosling

Novembre 2002

Masterclass on duration analysis, Cemmap, Londra, Regno Unito. Tutor: G. van der Berg

Settembre 2002

Corso residenziale per dottorandi su microeconometria per dati sezionali e longitudinal presso il Centro Interuniversitario di Econometria (CIde) Bertinoro, Italia. Tutors: N. Cappuccio, D.

Lubian, R. Mosconi, E. Rettore, A. Sembenelli.

Graduate summerschool on quantitative policy evaluation methods, Progetto Valutazione

(ProVA). Tutors: D. Bondonio, A. Martini, M. Sisti, E. Rettore

Giugno 2002

Scuola Estiva della Società Italiana di Statistica (SIS) su metodi lineari e non lineari per l'analisi e la previsione di serie storiche, Treviso, Italia. Tutors: C.

Agostinelli, L. Bisaglia, S. Bordignon, F. Parpinel, C. Pizzi, I. Procidano, T. Proietti.

Settembre 1996 - Novembre 2001

Laurea in Scienze Economiche e Statistiche, Università di Padova, Facoltà di Statistica.

Valutazione finale: summa (110/110) cum laude. Relatori: Prof. E. Rettore, Prof. U. Trivellato.

BORSE DI STUDIO e ASSEGNAZIONE FINANZIAMENTI

2010 Finanziamento dal Ministero Italiano per l'Università e la Ricerca Scientifica, bando FIRB 2009: coordinatore scientifico locale per l'Unità di Ricerca di Bologna nell'ambito del progetto "The Policy Implications of Demographic Ageing"

2009 Finanziamento da CARIPARO, bando Progetti di Eccellenza 2008-09 per il progetto "The effect of early life conditions and outcomes on economic wellbeing and health later in life"

2006 Borsa Post-Dottorato Max-Weber presso Istituto Universitario Europeo, Dip.to di Economia

2006 Finanziamento da National Bureau of Economic Research per partecipare a NBER Education and Children Program Meeting a Boston

2005 Finanziamento da Vienna Institute of Demography per partecipare a The international conference on postponement of childbearing in Europe a Vienna

2003 Borsa di studio Marie Curie presso ISER, University of Essex

2003 Borsa di studio per XIVth Summerschool of the European Economic Association

2002 Borsa di studio per First ProVA Summerschool on policy evaluation (finanziata da Compagnia San Paolo)

2001 Borsa di studio del Ministero Italiano per l'Università e la Ricerca Scientifica (3 anni) per Dottorato in Statistica Applicata alle Scienze Economiche e Sociali, Università di Padova

PRESENTAZIONI A SEMINARI E CONFERENZE

2009

VIII "BRUCCHI LUCHINO" Labour Economics Workshop, Bank of Italy

64th European Meeting of the Econometric Society, Barcelona

New Directions in Welfare - A conference for economists and policy makers, Oxford

3rd Italian Congress of Econometrics and Empirical Economics, Ancona

2008

XXII Annual Conference of the European Society for Population Economics, UCL London

3rd Meeting of the Winners of the Bank of Sweden Prize in Economic Sciences in Memory of Alfred Nobel, Lindau

PRIN 2005 workshop "Program Evaluation: methods and case studies"

Annual conference of the European Association for Labour Economists

2007

VI Brucchi Luchino Labour Economics Workshop, University of Salerno

14th International Conference on Panel Data, Xiamen

University of Bologna, Applied Microeconometrics seminar series (invited)

European University Institute, Econometrics Research Workshop

Heriot-Watt University, School of Management and Languages, Edinburgh (job market talk)

Stockholm School of Economics, Stockholm (job market talk)

2nd PhD presentation Meeting, London School of Economics and Political Science

2nd Italian Congress of Econometrics and Empirical Economics, University of Bologna

Workshop of the research group "Evaluating the impact of public interventions:

methods and case studies", University of Florence

2006

Causal Analysis in Population Studies: Concepts, Methods, Applications, Vienna

European Meeting of the Econometric Society, Vienna

Villa Mondragone Workshop in Economic Theory and Econometrics, Rome

Workshop The Evaluation of Labour Market, Welfare and Firm Incentives Programmes,

Venice

National Bureau of Economic Research's Education and Children's Program meeting,

Boston

Population Association of America Annual Conference, Los Angeles

2005

IV Brucchi Luchino Labour Economics Workshop, Università Cattolica del Sacro Cuore,

Milan

International conference on Postponement of Childbearing in Europe, Statistics Austria,

Vienna

Joint Empirical Social Sciences seminar, Institute of Social and Economic Research,

Colchester

Workshop Evaluating the effects of labour market and welfare policies: Methods and

Case Studies, MIUR PRIN 2003 Conference. LABORatorio Revelli, Torino

Workshop Family policies: description and evaluation Department of Statistics, Padova

2003

XIVth EEA Summerschool, Institute of Fiscal Studies, London.

Joint Empirical Social Sciences seminar, Institute of Social and Economic Research,

Colchester.

PUBBLICAZIONI

Brunello, G. and Fabbri, D. and Fort, M. (2009) "Years of Schooling, Human Capital and the Body Mass Index of European Females" IZA Discussion Paper No. 4667 also appeared as CHILD Working Paper No. 26/2009 and as SOEPpapers on Multidisciplinary Panel Data Research 262/2010. Submitted

Brunello, G. and Fort, M. and Weber, G. (2009) "Changes in Compulsory Schooling, Education and the Distribution of Wages in Europe" *The Economic Journal*, Vol. 119(536), March, pp. 516-539.

Battistin, E. and Fort, M. (2008) "What's Missing from Program Evaluation: Identification and Estimation of the Distribution of Treatment Effects" *Atti della XLIV Riunione Scientifica, Società Italiana di Statistica*, March, pp. 127-134

Fort, M. (2005) "Education and the Timing of Births: Evidence from a Natural Experiment in Italy", *ISER Working Paper 2005 20*. Colchester: University of Essex and Working Paper 69 in the research group "Evaluating the effects of labour market policies and incentives to firms and welfare policies: methodological issues and case studies" working paper series

Fort, M. (2007) "Just A Matter of Time: Empirical Evidence of the Causal Effect of Education

on Fertility”, European University Institute, Working Paper 22. Revised and enlarged version of Fort (2005)

Brunello, G. and Fort, M. and Weber, G. (2007) “For One More Year With You: Changes in Compulsory Schooling, Education and the Distribution of Wages in Europe”, IZA Discussion Paper No. 3102

LAVORI IN VIA DI SVILUPPO

Bigoni, M. and Fort M. and Nardotto, M. and Reggiani, T. “Teams of Tournaments? A Field Experiment on PERFORMANCE, Cooperation and Competition”

Fort, M. and Spady, R. “Identification of Quantile Treatment Effects Exploiting Instrumental Variation”

Fort, M. and Rettore, E. “Transient and Permanent Effects of Risk Factors on the Household Income Level”

CONOSCENZE INFORMATICHE

Statistical Packages : STATA, SAS, R, Ox, MATLAB, LISREL, I.e.m, E-VIEWS

Other: C++, HTML, LateX, MS Office, SQL

CONOSCENZE LINGUISTICHE

Italiano: lingua madre

Inglese: ottima conoscenza

2006 Pronunciation, Academic Writing Course European University Institute Language Centre

2003 Grammar Course, Writing Course and PhD Language Support course

University of Essex, English Language Teaching Centre (inter-sessional classes)

1995,1994 First Certificate in English, Preliminary English Test, University of Cambridge

Local Examinations Syndacate International Examination

Tedesco, Francese, Spagnolo: conoscenza di base

Dichiaro che questo curriculum vitae riporta in modo accurato e veritiero le mie attuali competenze professionali.

Bologna, 20 Maggio 2010

Margherita Fort

Pubblicazioni:

BRUNELLO G., FORT M., WEBER G. (2009). Changes in Compulsory Schooling, Education and the Distribution of Wages in Europe. *ECONOMIC JOURNAL*, vol. 119; p. 516 - 539, ISSN: 0013-0133

GIORGIO BRUNELLO, DANIELE FABBRI, FORT M. (2009). Years of Schooling, Human Capital and the Body Mass Index of European Females. *BONN: Institute for the Study of Labor*, p. 52

E. BATTISTIN, FORT M. (2008). What's Missing from Policy Evaluation: Identification and Estimation of the Distribution of Treatment Effects. In: *Atti della XLIV Riunione Scientifica, Società Italiana di Statistica. Università della Calabria*, 25-27 Giugno 2008, s.l: s.n, p. 127 - 134

BRUNELLO G., FORT M., WEBER G. (2007). For One More Year With You: Changes in Compulsory Schooling, Education and the Distribution of Wages. *BONN: Institute for the Study of Labor IZA*

FORT M. (2005). Education and the Timing of Births: Evidence from a Natural Experiment in Italy. *COLCHESTER: Institute for Social and Economic Research*

2. MANARESI Francesco

Curriculum:

Posizione Attuale

Dottorando in Economia presso l'Università di Bologna

Istruzione

2007 - L.S. in Economia dello Sviluppo Avanzata, Università di Firenze

Titolo: “Children left by migrant parents in the Republic of Moldova”.

Relatore: Prof. G.A. Cornia.

Premi: Summa cum laude, menzione speciale per la migliore Tesi di Laurea dell'anno

2005 - Laurea in Economia, Università di Firenze

Titolo: “Lo sviluppo delle PMI nella Repubblica di Bulgaria - i distretti industriali nelle economie in transizione”.

Relatore: Prof. M. Biggeri.

Altre Esperienze di Formazione

Universitat Pompeu Fabra, Barcelona, Giugno 2008, Summer School in Microeconometrics.

University of Verona, Alba di Canazei, Gennaio 2008, IT3 Winter School in “Inequality and Collective Welfare Theory”.

Esperienze di Insegnamento

2008-present: Economia delle Risorse Umane - TA - Università di Bologna.

2007-09: Macroeconomia - TA - Università di Bologna.

Presentazioni

“The monthly cycle of consumption and the role of shopping costs”

- 6th Prague Conference on Political Economy, Prague (Aprile 2010)
- Istituto Universitario Europeo - Dipartimento di Economia (Marzo 2010)
- AIEL-CHILD: 1st International Conference on Labor Market and the Household; Collegio Carlo Alberto, Torino (Dicembre 2009)
Università di Bologna - Dipartimento di Economia (Novembre 2009)

“The effect of parental migration on the well-being of children left behind: the case of Moldova”
- Conferenza della Banca Mondiale sul tema “Youth Entrepreneurship in Eastern Europe and Central Asia”, Roma (Giugno 2007)
- Università di Firenze - Dipartimento di Economia (Maggio 2007)

Paper e Pubblicazioni

“The impact of the 2008 recession on intra-monthly consumption: clean evidence of time inconsistency” (2010), mimeo.

“The monthly cycle in consumption and the role of shopping costs” (2010), mimeo.

“Italy and the fight against world poverty” (2008), con Iacopo Viciani. ActionAid, Rome.

“Aid Performance and its Determinants. A Comparison of Italy with the OECD Norm” (2008), con Simone Bertoli e Giovanni Andrea Cornia, BNL Quarterly Review, Vol. LX (42).

“Migration and Children Well-Being in the Republic of Moldova” (2007), mimeo.

Esperienze Lavorative

Maggio 2007 - presente: ActionAid International,
ricerche sul tema Aiuto e Sviluppo: consulente statistico ed econometrico

Febbraio 2006 - Settembre 2006: Axon International s.a.s.,
sviluppo di un sistema di certificazione per l'industria tessile bulgara: project assistant

Marzo 2004 - Febbraio 2006: Regione Toscana,
creazione di un centro di servizi ICT nella municipalità di Kinshasa - Rep.Dem. del Congo: project manager

Lingue

Inglese: avanzato
Francese: avanzato
Spagnolo: buono
Italiano: madrelingua

Conoscenze Informatiche
Linux, LaTeX, Stata, SAS, MatLab, Mathematica, R.
pubblicazioni non disponibili

3. **NARDOTTO Mattia**

Curriculum:

Nazionalità Italiana
Nato a Vicenza, 31/12/1982
Residente a Bologna (Italy)

Posizione attuale:
Dottorando in economia, Dipartimento di Scienze Economiche dell'Università di Bologna

Interessi di ricerca:
Organizzazione industriale, economia comportamentale, econometria applicata

Formazione:
2008 Scuola estiva di econometria di Bertinoto. Courses on Panel Data Models and Count Data Models, Prof. B. Baltagi, R. Winkelmann.
2004 - 2007 Laurea Specialistica in Economia, Summa cum Laude
Titolo della tesi: “Dispersione dei prezzi e costi di ricerca”
(en. Search costs and price dispersion)
Relatore: Prof. G. Calzolari, U. di Bologna
2001 - 2004 Laurea triennale in economia e commercio (Univ. di Verona)
Relatore Prof. N. Sartor

Grant:
Grant conferito da EIEF (con Giacomo Calzolari) per un progetto di ricerca in economia comportamentale.

Attività didattica:
Tutorati in econometria, corsi Prof. Orsi:
2008 - 2010 Econometria corso avanzato (Laurea specialistica in economia); Econometrics 2b (Laurea magistrale in lingua inglese LMEC);
Econometria (Laurea Triennale in economia e finanza);
2007 - 2008 Econometria (Laurea Triennale in economia e finanza);

Altre abilità:
Lingue: Italiano
Inglese (advanced)

Competenze informatiche:
Buona conoscenza dei principali pacchetti econometrici (E-views, Microfit, Gretl, STATA) e di MatLab;
Buona conoscenza di MySql, php e Javascript
Ex Membro del GUIT (gruppo italiano utilizzatori di TEX)
pubblicazioni non disponibili

4. **PERSICO Nicola**

Curriculum:

Nicola Persico
Professor of Economics
Professor of Law and Society
New York University
e-mail: nicola@nicolapersico.com
http://www.nicolapersico.com

Addresses

Department of Economics School of Law, Vanderbilt Hall room 414C
269 Mercer Street, room 611 40 Washington Square South
New York, NY 10003 New York, NY 10012

Affiliations

2006-present Professor of Economics, and Professor of Law and Society, New York University
2001-2006 Associate Professor, Department of Economics, University of Pennsylvania
1997-2001 Assistant Professor, Department of Economics, University of Pennsylvania
1996-1997 Assistant Professor, Department of Economics, UCLA.
2006-present NBER Research Associate
2001 (Feb-July) Visiting Fellow, Department of Economics, Princeton University

Education

1996 Ph.D in Economics, Northwestern University
1995 Ph.D in Mathematical Economics (Trieste, Italy)
1991 Laurea in Economics, Università Bocconi, Milano (Italy), Magna cum Laude

Professional Activities

2009-present Associate Editor, *Econometrica*
2009-present Board of Editors, *American Economic Review*
2009-present Associate Editor, *Journal of the European Economic Association*
2001-2006 Editorial Board, *International Economic Review*

Grants

2009-2012 NSF Research Grant SES-0922215 for "A Search-Theoretic Approach to Markets for Illicit Goods."
2008-2009 NSF Doctoral Dissertation Improvement Grant SES-0750962 (supervising Moussa Blimpo), for "Team Incentives for Education in Developing Countries: A field Experiment in Benin."
2007-2009 NSF Research Grant SES0617507 for "Racial Profiling: Theoretical, Empirical, and Legal Analysis"
2004-2006 NSF Research Grant SES0422863 for "Disparate Treatment: Theories and Evidence"
2000-2003 NSF Research Grant SES0078870 for "Policy Outcomes and Efficiency in Political Systems"
1999-2000 NSF Research Grant SBR9905564 for "Optimal Mechanisms and Information Acquisition"

Honors and Fellowships

2002-2008 Selected Fellow at the Center for Advanced Study in the Behavioral Sciences, Stanford University
2007 Recipient of the first Carlo Alberto Medal, awarded to an Italian economist under the age of 40 for his/her outstanding research contributions to the field of economics.
2002-2007 Steven F. Goldstone Endowed Associate Professor in Economics
2002-2004 Alfred P. Sloan Research Fellow
1999 I. Kravis Award for Distinction in Undergraduate Teaching
1997 Selected as a speaker in the Review of Economic Studies Tour
1995-96 Sloan Dissertation Fellowship
1994-95 Università Bocconi Fellowship for Training in a Foreign Country
1994 Distinguished Teaching Assistant Award from the College of Arts and Sciences, Northwestern University
1992 Passed the Qualifying Examinations at Northwestern "with Distinction"
1991 Gold Medal for Best Student from the Friends of Università Bocconi

Publications

- "A Theory of Optimal Random Crackdowns," with Jan Eeckhout and Petra Todd. Forthcoming, *American Economic Review*.
- "Information Acquisition and the Exclusion of Evidence in Trials," with Benjamin Lester and Ludo Visschers. Forthcoming, *Journal of Law, Economics and Organization*.
- "Electoral Incentives, Political Risk-Taking and Policy Reform," with Alessandro Lizzeri. Published in *The Political Economy of Democracy*. E. Aragonés, C. Bevia, H. Llavador, N. Schofield, eds. Fundación BBVA, 2009.
- "Racial Profiling? Detecting Bias Using Statistical Evidence." *Annual Review of Economics* 2009, 1, pp. 229-54.
- "The hit rates test for racial bias in motor-vehicle searches." *Justice Quarterly*, 25(1) March 2008, pp. 37-53, with Petra Todd.
- "Generalising the Hit Rates Test for Racial Bias in Law Enforcement, with an Application to Vehicle Searches in Wichita." *The Economic Journal*, 116 (November 2006), pp. F351-F367, with Petra Todd.
- "Campaign Spending Regulation in a Model of Redistributive Politics." *Economic Theory* 28(1), May 2006, pp. 95 - 124, with Nicolas Sahuguet.
- "A Drawback of Electoral Competition." *Journal of the European Economic Association* 3(4), December 2005, 1318-1348, with Alessandro Lizzeri.
- "Passenger Profiling, Imperfect Screening, and Airport Security." *The American Economic Association Papers and Proceedings* (2005), pp. 127-31, with Petra Todd.
- "Detecting Bias: Using Statistical Evidence to Establish Intentional Discrimination in Racial Profiling Cases." *University of Chicago Legal Forum*, (2005), pp. 217-35, with David Castleman.
- "The Effect of Adolescent Experience on Labor Market Outcomes: The Case of Height." *Journal of Political Economy* 112(5), October 2004, pp. 1019-53, with Andrew Postlewaite and Dan Silverman.
- "Why Did the Elites Extend the Suffrage? Democracy and the Scope of Government, With an Application to Britain's 'Age of Reform.'" *Quarterly Journal of Economics* 119(2), May 2004, pp. 707 - 765, with Alessandro Lizzeri.
- "Committee Design with Endogenous Information." *Review of Economic Studies* 71(1), January 2004, pp. 165-94.
- "Racial Profiling, Fairness, and Effectiveness of Policing." *American Economic Review* 92(5), December 2002, pp. 1472-97.
- "The Provision of Public Goods under Alternative Electoral Incentives." *American Economic Review* 91(1), March 2001, pp. 225-39, with Alessandro Lizzeri.
- "Racial Bias in Motor-Vehicle Searches: Theory and Evidence." *Journal of Political Economy* 109(1), February 2001, pp. 203-29, with John Knowles and Petra Todd.

- "Information Acquisition in Auctions." *Econometrica* 68(1), January 2000, pp. 135-48.
- "Uniqueness and Existence of Equilibrium in Auctions with a Reserve Price." *Games and Economic Behavior* 30(1), January 2000, pp. 83-114, with Alessandro Lizzeri.
- "Acyclicity of Optimal Paths." In *Nonlinear Dynamics in Economics and Social Sciences* F. Gori, L. Geronazzo, M. Galeotti, editors, pp. 283-95. Springer-Verlag, Berlin Heidelberg 1993, with Luigi Montrucchio.

Working Papers

- "A Search-Theoretic Model of the Retail Market for Illicit Drugs," with Manolis Galenianos and Rosalie Liccardo Pacula. Mimeo, New York University, August 2008.
- "Factions and Political Competition," with Jose-Carlos Rodriguez Pueblita and Dan Silverman. Mimeo, New York University, March 2008.
- "Generic Uniqueness of the Solutions to a Continuous Linear Programming Problem." Mimeo, New York University.
- "Information Acquisition and the Excess Refund Puzzle," Mimeo, University of Pennsylvania, 2005, pp. 1-38," with Steven Matthews.
- "Games of Redistributive Politics Are Equivalent to All-Pay Auctions With Consolation Prizes." Mimeo, University of Pennsylvania 2000, pp. 1-9.

Department and University Service

2007-present Graduate Admissions Committee, Economics Department
2007-present Graduate Admissions Committee, Institute for Law and Society
2004-2006 CUAS Committee
2002-2006 PPE Advisory Committee
2002-2004 Graduate Admissions Committee (many times before 2002, Chair for the three years 2002-2004)
2003-2006 Economics Honors Thesis Committee
2005 Fulbright Faculty Committee
2000, 2001 Graduate Comprehensive Examinations Committee

Dissertation Committee, Honors Theses, Independent Studies

Graduate Dissertation Committee: Sumantra Sen, Anna Rubinchik, Luis Sanz, Jeong Byun, Nicolas Sahuguet, Sergio Parreiras, Makoto Hanazono, Manuel Willington, Brandon Weber, Yoichi Hizen, Kwang-Ho Kim, Andrea Mattozzi, Sam-Ho Lee, Tetsuya Maruyama, Jose Carlos Rodriguez-Pueblita.

Undergraduate Honors Theses: Jonah Paransky, Ayelet Wolf, Michael Frankel, Daniel Stahl, Stephanie Au, Jasmin Lau, Katherine Onishi.
Independent Studies: Rahier Rahman.

Conference Presentations

1997-2005 American Economic Association Meetings (Philadelphia PA 2005, Evanston IL 2003, New Orleans 2001, San Diego CA 1997)
2005 WISE Workshop (Salerno, Italy)
2003-2006 Northwestern Workshops on Racial Profiling (Evanston IL 2003, 2004, 2006)
2004 University of Chicago Legal Forum Symposium (Chicago)
2003 Conference on Crime and Public Policy (UPenn)
2002 ESRC Conference on Economic Policy and Political Myopia" (Cambridge, UK)
2001 Stanford Institute for Theoretical Economics Summer Conference
1997-2001 Wallis Conference on Political Economy (Rochester 2001, Evanston 1997)
2001 NSF Decentralization Conference (St. Louis, MI 2000, Washington)
2000 International Congress of the Game Theory Society (Bilbao)
2000 EU Conference "The Political Economy of Economic Policy." (Toulouse)
1999 Society of Economics Dynamics Meetings (Alghero, Italy)

Seminars

2006 Wisconsin, NYU, Princeton, U of Michigan, Berkeley
2005 MIT Political Science, Berkeley Haas Business School, Duke, European University Institute (Florence, Italy), Bocconi University (Milan, Italy), IIES (Stockholm, Sweden), Vanderbilt, Northwestern
2004 University of British Columbia, U. of Washington at Seattle, Washington U. St. Louis
2003 Columbia, Berkeley, Georgetown, U. of Mannheim, U. of Bonn
2002 Southern Methodist University, Penn State, Rutgers
2001 Ohio State University, University of Minnesota, Columbia, University of Illinois at Urbana-Champaign, Stanford, Duke, Johns Hopkins
2000 NYU, Penn Law School, University of Wisconsin
1999 London School of Economics, University College London, University of Michigan, Yale

Pubblicazioni:

LIZZERI A, PERSICO N. (2004). *Why Did the Elites Extend the Suffrage? Democracy and the Scope of Government, With an Application to Britain's Age of Reform.* QUARTERLY JOURNAL OF ECONOMICS, ISSN: 0033-5533
PERSICO N. (2004). *Committee Design with Endogenous Information.* REVIEW OF ECONOMIC STUDIES, ISSN: 0034-6527
PERSICO N., POSTLEWAITE A, SILVERMAN D (2004). *The Effect of Adolescent Experience on Labor Market Outcomes: The Case of Height.* JOURNAL OF POLITICAL ECONOMY, ISSN: 0022-3808

PERSICO N. (2002). *Racial Profiling, Fairness, and Effectiveness of Policing.* THE AMERICAN ECONOMIC REVIEW, ISSN: 0002-8282

KNOWLES J, PERSICO N., TODD P (2001). *Racial Bias in Motor-Vehicle Searches: Theory and Evidence.* JOURNAL OF POLITICAL ECONOMY, ISSN: 0022-3808

LIZZERI A, PERSICO N. (2001). *The Provision of Public Goods under Alternative Electoral Incentives.* THE AMERICAN ECONOMIC REVIEW, ISSN: 0002-8282

PERSICO N. (2000). *Information Acquisition in Auctions.* ECONOMETRICA, ISSN: 0012-9682

5. **REGGIANI Tommaso**

Curriculum:

TOMMASO REGGIANI

Università di Bologna
Dipartimento di Scienze Economiche
Piazza Scaravilli 2
40126 Bologna
Email: tommaso.reggiani2@unibo
Mobile: +39 340 8636884

IZA - Institute for the Study of Labor, Bonn
(Research affiliate)

FORMAZIONE

- Dottorando (ciclo XXIV), Economia, Università di Bologna (DSE), Ott. 2008-presente
- Laurea Specialistica (con lode) in Economia Politica, Università di Milano-Bicocca, a.a. 2007/2008

AREE DI INTERESSE

Economia sperimentale e del comportamento
Microeconomia Applicata

CARRIERA ACCADEMICA

Università di Milano-Bicocca (DEP),
- Assistente di Ricerca in Economia Sperimentale, Set. 2007-presente

INSEGNAMENTO

Università di Milano-Bicocca (DEP),
- Tutor in Microeconomia (Master in Gestione delle Organizzazioni Non-Profit), a.a. 2006/2007

PUBBLICAZIONI

- RECENSIONI, *Luigino Bruni: 'Reciprocità'-Pensiero Economico e Teorie della Reciprocità*,
Rivista di Storia del Pensiero Economico, Franco Angeli - SPE n.1-2007, pp. 200-202, Giu. 2007
- VOCI DIZIONARIO, *Microfinanza*,
Dizionario di Economia Civile, Bruni e Zamagni (a cura di), Città Nuova Editore - in corso di pubblicazione 2009
- MOSCRITTI: *Metodologie Statistiche per la Rilevazione del Lavoro Minorile*,
mimeo (DIMEQUANT) - Università di Milano-Bicocca, Mag. 2008

FINANZIAMENTI (SELEZIONE)

- Borsa di Studio MIUR-Dottorandi, Università di Bologna (DES), a.a. 2008/2009
pubblicazioni non disponibili

6. **RUSTICHINI Aldo**

Curriculum:

email: Aldo.Rustichini@gmail.com
Marital Status: Married;
Citizenship: Italian

EDUCATION

B.A. Philosophy University of Florence Italy 1977
M.A. Economics University of Manchester UK 1980
Ph.D. Mathematics University of Minnesota USA 1987

CURRENT AFFILIATION and POSITION

Professor of Economics, Department of Economics, University of Minnesota.
Center for Cognitive Sciences, University of Minnesota.
Director of Research, Faculty of Economics, University of Cambridge.

RESEARCH INTERESTS

Decision Theory, Game Theory, General Equilibrium Theory, Neuroscience and Economics, Experimental Economics, Behavioral Economics, Microeconomic Theory, Models of Bounded Rationality; Economic Dynamics and Macroeconomics, Political Economy.

EDITORIAL ACTIVITY

Referee for *Econometrica*, *Journal of Economic Theory*, *Review of Economic Studies*, *Journal of Economic Dynamics and Control*, *American Economic Review*.

Associate Editor of *Games and Economic Behavior*, *Journal of Mathematical Economics*, *PLOS One Biology*

Past Associate Editorships:

Journal of Economic Theory;
Review of Economic Dynamics

FELLOWSHIPS

Fellow of the Econometric Society, Council of the Game Theory Society

PUBLICATIONS

Decision Theory, Experimental Economics and Neuroeconomics

Published papers

1. Ifat Levy, Jason Snell, Amy Nelson, Aldo Rustichini, and Paul Glimcher, "The neural representation of subjective value under risk and ambiguity", *Journal of Neurophysiology*, forthcoming
2. Uri Gneezy, Aldo Rustichini, Alexander Vostroknutov, "Experience and Insight in the Race game", *Journal of Economic Behavior and Organization*, forthcoming.
3. Aldo Rustichini, *Neuroeconomics: what have we found, and what should we search for*, *Current Opinions in Neurobiology*, 19, 672-677
4. John Dickhaut, Aldo Rustichini, and Vernon Smith, *A Neuroeconomic theory of the decision process* *Proceedings of the National Academy of Sciences*, 106, 52, December 29, 2214522150, (2009)
5. (with Burks, Carpenter, Goette) "Cognitive Skills A ect Economic Preferences, Social Awareness, and Job Attachment," *Proceedings of the National Academy of Sciences*, 106, 19, May 12, 7745-7750, (2009)
6. "Decision Making and Equilibria", *Synthese*, forthcoming, 2009
7. (with Giorgio Coricelli) "Counterfactual Thinking and Emotions: Regret and Envy Learning "(2009), *Philosophical Transactions of the Royal Society, B*
8. (with Johnson, M. and MacDonald, A.) "Suspicious personality predicts behavior on a social decision-making task", *Personality and Individual Differences*, 47, 1, 30-35(2009).
9. (with Giorgio Coricelli) "Reward-based emotions: a ective evaluation of outcomes and regret learning", *Handbook of Emotions*, (2009).
10. Rustichini, A., "Is there a Method of Neuroeconomics?" *American Economic Review: Microeconomics*, (2009)
11. (with John Coates and Mark Gurnell), "Second to fourth digit ratio predicts success among high-frequency nancial traders", *Proceedings of the National Academy of Sciences*, 106, 2, January 13, 623-628, (2009)
12. Bault, N., Coricelli, G., Rustichini, A., "Interdependent utilities: how social ranking a ects choice behavior", *PLoS ONE* 3, 10, e3477, (2008)
13. (with Bart Lipman and Eddie Dekel) "Temptation-Driven Preferences", *Review of Economic Studies*, (2008)
14. "Dual or Unitary System? Two Alternative Models of Decision-Making", forthcoming, *Cognitive, A ective and behavioral Neurosciences*, 8, 4, 355-362, (2008)
15. (with Maccheroni, M., Marinacci, M., Taboga, M.), "Portfolio Selection with Monotone Mean Variance Preferences", *Mathematical Finance*, (2008)
16. "Neuroeconomics: Formal Models of Decision-Making and Cognitive Neuroscience", Chapter 4 in *Neuroeconomics: Decision Making and the Brain*, Elsevier, (2008)
17. "Decision-making and neuroeconomics: Neuroeconomics general: economics", *The New Encyclopedia of Neuroscience*, edited by Larry Squire et al, (2008).
18. "Dominance and Competition", *Journal of the European Economic Association*, 6, 2-3, (2008), 647-656
19. (with Charness, G. and Rigotti, L.), "Individual Behavior and Group Membership", *American Economic Review*, 97, 4, (2007), 1340-1352.
20. (with Burks, S., Carpenter, J., Gotte, L., Monaco, K., Porter, K.), "Using Behavioral Economic Field Experiments at a Firm: the Context and Design of the Truckers and Turnover Project", in: *The Analysis of Firms and Employees: Quantitative and Qualitative Approaches*, Bender, Lane, Shaw, Andersson, and Von Wachter (editors), NBER, University of Chicago Press, (2007).
21. (with Maccheroni F. and Marinacci, M.), "Ambiguity Aversion, Robustness, and the Variational Representation of Preferences", *Econometrica*, November, 1-62, (2006).
22. (with John Dickhaut) "Neuroeconomics", *The New Palgrave: A Dictionary of Economics*, (2007)
23. (with Maccheroni F. and Marinacci, M.), "Dynamic Variational Preferences", *Journal of Economic Theory*, 128, 4-44, (2006).
24. (with Kirchsteiger G and Rigotti, L.), "Your Morals Might be Your Moods", *Journal of Economic Behavior and Organization*, 59, 155-172, (2006)
25. "Emotions and Reasons in Making Decisions", *Science*, December 9, (2005)
26. (with Dickhaut, J., Ghirardato, P., K., Pardo, J. and Smith, K.), "A Brain Imaging Study of the Choice Procedure", *Games and Economic Behavior*, 52, 2, 257-282, (2005).
27. "Neuroeconomics: Past and Future", *Games and Economic Behavior*, 52, 2, 201-212, (2005).
28. (with Paul Glimcher) "The Consilience of Brain and Decision", *Science*, October 15, 2004
29. (with Erik Hoelzl) "Overcon dent: Do you put your money on it?" *Economic Journal*, 115, April, 305-318, (2005).
30. (with Uri Gneezy and Martin Dufwenberger) "Price Competition: The role of gender and education" in *Advances in Understanding Strategic Behaviour: Game Theory*, editor Ste en Huck.
31. (with Uri Gneezy) "Gender and Competition at a Young Age", *American Economic Review Papers and Proceedings*, 94, 2, (2004), 377-381
32. (with Dickhaut, J., Nagode, J., McKabe, K., Pardo, J. and Smith, K.) "The impact of the certainty context on the process of choice", *Proceedings of the National Academy of Sciences of the USA*, (2003), 100, 6, 3536-3541
33. (with Uri Gneezy and Muriel Niederle) "Performance in Competitive Environments: Gender Differences" *Quarterly Journal of Economics*, August, (2003), 1049-1074
34. (with John Dickhaut) "The Investment Game", *Handbook of Cognitive Psychology*, Mc Millan editor, for Nature, volume 2, article 693, pages 231-238
35. (with Uri Gneezy) "Incentives, Punishment and Behavior", 2003, *Behavioral Economics*, edited by Colin Camerer, George Loewenstein, and Matthew Rabin
36. (with David Easley) "Optimal Guessing", forthcoming, *Journal of Economic Theory*
37. "Preference for Flexibility in Multi period problems", *Economic Theory*, 2002, 20, 4, 677-702
38. (with Eddie Dekel and Bart Lipman), "Representing Preferences with a Unique Subjective State Space", *Econometrica*, 69, 4, 891-934
39. (with Uri Gneezy) "Pay Enough or Don't Pay at All", *Quarterly Journal of Economics*, 2000, 791-810
40. (with Uri Gneezy) "A Fine is a Price", *Journal of Legal Studies*, 2000, 29, 1-17.
41. (with A. Villamil): "Intertemporal pricing in laboratory posted o er markets with di erential information" *Economic Theory*, 2000, 16, 3, 613-637.
42. (with David Easley) "Choice without Beliefs", *Econometrica*, 1999, 67, 1157-1184.
43. "Optimal Properties of Stimulus Response Models.", *Games and Economic Behavior*, 1999, 29, 244-273.
44. "Minimizing Regret: the General Case." *Games and Economic Behavior*, 1999, 29, 224-243.
45. (with Salvatore Modica) "Unawareness and Partitional Information Structures", *Games and Economic Behavior*, 1999, 27, 2, 265-298
46. (with J. Dr eze) "Moral Hazard and Conditional Preferences." *Journal of Mathematical Economics*, 1999, 31, 159-181.
47. (with J. Dr eze) "State Dependent Utility" *Handbook of Utility Theory*, volume 2, edited by S.Barbera, P. Hammond, C. Seidl, 2003, Kluwer Academic Publishers.
48. (with Eddie Dekel and Bart Lipman) "Recent developments in modeling unforeseen contingencies". *European Economic Review*, 42, 1998, 523-542.
49. (with Eddie Dekel and Bart Lipman) "Standard State-Space Models Preclude Unawareness". *Econometrica*, 66, 1, 1998, 159-173.
50. (with A. Villamil) "Intertemporal Pricing in Markets with Di erential Information" *Economic Theory*, 1996, 8, 2, 211-227.
51. (with Salvatore Modica) "Awareness and Partitional Information Structures", in *Theory and Decision*, 1994, 37, 107-125.
52. "Decision Theory with Higher Order Beliefs" in *Theoretical Aspects of Reasoning about Knowledge (TARK IV)*, 1992, 118-131.

General Equilibrium, Game Theory, Growth and Economic Dynamics

Published Papers

1. (with Paolo Siconol) "Growth in Economies with non Convexities: sunspot and lottery equilibria", *Economic Theory*, 24, 3, 701-726, (2005)
2. "Equilibria in Large Games with Continuous Procedures", *Journal of Economic Theory*. 111. (2003), 151-171
3. (with Berg, J., Marsili, M. and Zecchina, R.), "Are nancial Markets E cient? Phase Transition in the Aggregation of Information", *Complexity*, 8, 2, 20-23
4. (with Andrea Prat) "Games Played through Agents", *Econometrica*, 71, 4, (2003)

5. (with Jess Benhabib and Andres Velasco) "Public Spending and Optimal Taxes Without Commitment", *Review of Economic Design*, 2001, 6, 3-4, 371-396
6. (with Andrea Ichino and Daniele Checchi) "More Equal but Less Mobile?", *Journal of Public Economics*, 1999, 74, 3, 351-393
7. (with M. Boldrin) "Political Equilibria with Social Security", *Review of Economic Dynamics*, 2000, 3, 1, 41-78.
8. "Dynamic Programming Solution of Incentive Constrained Problems" *Journal of Economic Theory*, 1998, 78, 2, 329-354.
9. "Lagrange multipliers in incentive-constrained problems" *Journal of Mathematical Economics*, 1998, 29, 4, 365-380.
10. (with S. Modica and J-M Tallon) "Bankruptcy and Unawareness in a General Equilibrium Model" *Economic Theory*, 1998, 12, 2, 259-292.
11. (with Pietro Reichlin) "Diverging Patterns with Endogenous Labor Migration", *Journal of Economic Dynamics and Control*, 22, 1998, 703-728.
12. (with Jess Benhabib) "Optimal taxes without commitment" *Journal of Economic Theory*, 1997, 77, 2, 231-259.
13. (with J. Benhabib) "Social Conflict and Growth" *Journal of Economic Growth*, 1996, 1, 125-142.
14. (with P.K. Dutta and S. Lach) "Better Late than Early: Vertical Differentiation in the Adoption of a New Technology", *Journal of Economics and Management Strategy*, 1995, 4, 563-589.
15. (with A. Wolinsky) "Learning about Variable Demand in the Long Run", in *Journal of Economic Dynamics and Control*, 1995, 19, 1283-1292.
16. (with P.K. Dutta) "(s,S) Equilibria for Stochastic Games with an Application to Product Innovation", in *Journal of Economic Theory*, 1996, 67, 1-39.
17. (with Roy Radner) "The Design of Sharing Rules for a Partnership Model in Continuous Time", in *Games and Economic Behavior*, 1996, 12, 2, 245-265.
18. (with M. Satterthwaite and S. Williams) "Convergence to Price Taking Behavior in a Simple Market"; *Econometrica*, 1994, 5, 1041-1063.
19. (with M. Boldrin) "Indeterminacy of equilibria in optimal growth models"; *Econometrica*, 1994, 4.
20. (with E. Ben Porath and E. Dekel) "On the Relationship Between Mutation Rates and Growth Rates in a Changing Environment"; *Games and Economic Behavior*, 1993, 5, 4, 576-603.
21. (with Jess Benhabib) "Introduction to the Symposium on Growth, Fluctuations and Sunspots: Confronting the Data", *Journal of Economic Theory*, 1994, 63, 1-18.
22. (with Jess Benhabib) "A new Class of Solutions to Dynamic Programming Problems", *Journal of Economic Dynamic and Control*, 1994, 18, 807-813.
23. (with A. M. Khan) "Cournot-Nash Equilibrium Distributions for Games with Uncertainty and Imperfect Information"; *Journal of Mathematical Economics*, 1993, 22, 35-59.
24. (with E.K. Balder) "An Equilibrium Result for Games with Private Information and Uncountably Many Players"; in *Journal of Economic Theory*, 1993.
25. (with P.K. Dutta) "A Theory of Stopping Time Games with Applications to Product Innovations and Asset Sales", in *Economic Theory*, 1993, 3.
26. "Second Best Solutions for Games of Joint Exploitation of a Renewable Asset", in *Economic Theory*, 1992, 2, 191-201.
27. "Mixing on Function Spaces", in *Economic Theory*, 1992, 2.
28. (with A. Khan) "On Some Unpleasant Objects in Non-Separable Hilbert Spaces" in *Positive operators, Riesz Spaces and Economics*, edited by Aliprantis, Border and Luxembourg, Springer Verlag, 1991, 179-188.
29. (with J. Schmitz) "Research and Imitation in Long Run Growth", *Journal of Monetary Economics*, vol. 27, #2 (april 1991), 271-292.
30. (with J. Benhabib) "Vintage Capital, Investment and Growth", *Journal of Economic Theory*, 1991, 323-339.
31. (with J. Benhabib) "A Vintage Capital Model of Investment and Growth: Theory and Evidence", in Becker, R. et al. (eds), *Growth Equilibrium and Trade, II: the Legacy of Lionel McKenzie*, Academic Press 1992.
32. (with N. Yannelis) "Commodity Pair Desirability and the Core-Walras Conjecture", in Becker, R. et al. (eds), *Growth Equilibrium and Trade, II: the Legacy of Lionel McKenzie*, Academic Press 1992.
33. (with N. Yannelis) "On the Existence of Correlated Equilibria", in *Equilibrium Theory with Infinitely many Commodities*, Springer-Verlag, 1992, 249-265.
34. (with N. Yannelis) "Equilibrium Points of Non-cooperative Random and Bayesian Games", in Aliprantis-Border-Luxembourg (eds.), *Positive Operators, Riesz Spaces and Economics*, Springer-Verlag, 1991, 23-48.
35. (with J. Benhabib) "Equilibrium Cycling with Small Discounting", *Journal of Economic Theory*, 52, 423-432.
36. (with N. Yannelis) "Edgeworth's Conjecture in Economies with a Continuum of Agents and Commodities", in *Journal of Mathematical Economics*, 1991.
37. (with A.M. Khan) "Cournot - Nash Equilibrium Distributions for Games with Differential Information", in *Proceedings of the Lumini Conference on Fixed Point Theory*, M. A. Thera and J.B. Baillon editors, Pitman, 1991, pages 245-261.
38. (with Chen Gui-Qiang) "The Riemann Solution to a System of Conservation Laws with Application to a Non-Zero Sum Game", *Contemporary Mathematics, American Mathematical Society*, 1989, vol. 100, 287-297.
39. (with N. Yannelis) "What is Perfect Competition?", in *Equilibrium Theory with Infinitely Many Commodities*, Springer-Verlag, 1992, 249-265.
40. (with Chiarenza, F. and Serapioni, R.) "De Giorgi - Moser Theorem for a Class of Degenerate Non-uniformly Elliptic Equations," in *Communications in Partial Differential Equations*, vol. 14 (5), 635-662, 1989.
41. "A Counterexample and an Exact Version of Fatou's Lemma in Infinite Dimensional Spaces," in *Archiv der Mathematik*, vol. 52, 357-362, 1989.
42. "Hopf Bifurcation for Functional Differential Equations of Mixed Type," in *Journal of Dynamics and Differential Equations*, vol. 1, No. 2, April 1989, 145-177.
43. "Functional Equations of Mixed Type: The Linear Autonomous Case," in *Journal of Dynamics and Differential Equations*, vol. 1, No. 2, April 1989, 121-143.

Publicazioni:

- JHONSON M, MACDONALD A, RUSTICHINI A. (2009). Suspicious Personality predicts Behaviour on a Social decision-making task. *PERSONALITY AND INDIVIDUAL DIFFERENCES*, ISSN: 0191-8869
- RUSTICHINI A. (2009). Is there a Method of Neuroeconomics?. *THE AMERICAN ECONOMIC REVIEW*, ISSN: 0002-8282
- LIPMAN B, DEKEN E, RUSTICHINI A. (2008). Temptation-Driven Preferences. *REVIEW OF ECONOMIC STUDIES*, ISSN: 0034-6527
- CHARNESS G, RIGOTTI L, RUSTICHINI A. (2007). Individual Behavior and Group Membership. *THE AMERICAN ECONOMIC REVIEW*, ISSN: 0002-8282
- RUSTICHINI A. (2007). Dominance and Competition. *JOURNAL OF THE EUROPEAN ECONOMIC ASSOCIATION*, ISSN: 1542-4766
- MACCHERONI F, MARINACCI M, RUSTICHINI A. (2006). Ambiguity Aversion, Robustness and Variational Representation of Preferences. *ECONOMETRICA*, ISSN: 0012-9682
- MACCHERONI F, MARINACCI M, RUSTICHINI A. (2006). Dynamic Variational Preferences. *JOURNAL OF ECONOMIC THEORY*, ISSN: 0022-0531
- EASLEY D, RUSTICHINI A. (2005). Optimal Guessing. *JOURNAL OF ECONOMIC THEORY*, ISSN: 0022-0531
- RUSTICHINI A. (2005). Emotions and Reasons in Making Decision. *SCIENCE*, ISSN: 0036-8075
- GLIMCHER P, RUSTICHINI A. (2004). The Consilience of Brain and Decision. *SCIENCE*, ISSN: 0036-8075
- GNEEZY U, RUSTICHINI A. (2004). Gender Competition at a Young Age. *THE AMERICAN ECONOMIC REVIEW*, ISSN: 0002-8282
- GNEEZY U, NIEDERLE M, RUSTICHINI A. (2003). Performance in Competitive Environments: Gender Differences. *QUARTERLY JOURNAL OF ECONOMICS*, ISSN: 0033-5533
- PRAT A, RUSTICHINI A. (2003). Games Played through Agents. *ECONOMETRICA*, ISSN: 0012-9682
- RUSTICHINI A. (2003). Equilibria in Large Games with Continuous Procedures. *JOURNAL OF ECONOMIC THEORY*, ISSN: 0022-0531
- RUSTICHINI A. (2002). Preferences for Flexibility in Multi Period Problems. *ECONOMIC THEORY*, ISSN: 0938-2259
- DEKEL E, LIPMAN B, RUSTICHINI A. (2001). Representing Preferences with a Unique Subjective State Space. *ECONOMETRICA*, ISSN: 0012-9682
- GNEEZY U, RUSTICHINI A. (2000). Pay Enough or Don't Pay at All. *QUARTERLY JOURNAL OF ECONOMICS*, ISSN: 0033-5533
- EASLEY D, RUSTICHINI A. (1999). Choice without Belief. *ECONOMETRICA*, ISSN: 0012-9682

ICHINO A, CHECCHI D, RUSTICHINI A. (1999). *More Equal but Less Mobile?*. JOURNAL OF PUBLIC ECONOMICS, ISSN: 0047-2727

DAKEL E, LIPMAN B, RUSTICHINI A. (1998). *Standard State-Space Models Preclude Unawareness*. ECONOMETRICA, ISSN: 0012-9682

RUSTICHINI A. (1998). *Dynamic Programming Solution of Incentive Constrained Problems*. JOURNAL OF ECONOMIC THEORY, ISSN: 0022-0531

BOLDRIN M, RUSTICHINI A. (1994). *Indeterminacy of Equilibria in Optimal Growth Models*. ECONOMETRICA, ISSN: 0012-9682

7. **ZANELLA Giulio**

Curriculum:

Giulio Zanella

Ricercatore SECS-P/01 (confermato)

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PERSONALE

Data di nascita : 01/31/1974

Stato civile: married, two children

Cittadinanza: Italiana

CAMPI DI RICERCA

Microeconomia Applicata

Interazioni Sociali

Econometria Applicata

Economia del Lavoro

Macroeconomia

CAMPI DI INSEGNAMENTO

Microeconomia

Macroeconomia

Statistica ed Econometria

POSIZIONI PROFESSIONALI

dal 2009: Ricercatore, Università di Bologna.

2006-2009: Ricercatore, Università di Siena.

2009 Visiting Professor of Economics, University of California-Santa Barbara.

2002-2004 Honorary Fellow, University of Wisconsin-Madison.

ISTRUZIONE

2005 Dottorato di Ricerca in Economia Politica, Università di Siena.

Supervisore: Steven N. Durlauf (University of Wisconsin-Madison)

Tesi: *Essays in Social Interactions Economics*.

2006 MS in Economics, University of Wisconsin-Madison.

1999 Laurea in Economia Politica, Università di Siena.

RICERCA

1. Articoli in riviste peer-reviewed

"Unpacking Social Interactions." (with Ethan Cohen-Cole)

Economic Inquiry, 2008, 46(1), 19-24 (special issue edited by James Heckman)

"Discrete Choice with Social Interactions and Endogenous Memberships."

Journal of the European Economic Association, 2007, 5(1), 122-153.

"Partecipazione con Avversione al Rischio"

Rivista di Politica Economica, 2001, 91(1), pp. 119-156

2. Capitoli in volumi collettanei

"Immigration and Crime: Making Sense of Multiple Patterns."

Efectos Económicos de la Inmigración en España, Marcial Pons y FEDEA, Fundación de Estudios de Economía

Aplicada, 2009.

"Relazioni Sociali e Interazioni di Mercato"

Teoria Economica e Relazioni Interpersonali, Pierluigi Sacco and Stefano Zamagni editori,

Il Mulino, 2006, pp. 329-364.

3. Recensioni

"Review of 'Economics and Social Interaction: Accounting for Interpersonal Relations'", Benedetto Gui and

Robert Sugden, eds., 2005. *Journal of Economics*, 2006, 88 (1), 93-96.

4. Working Papers completati

"Labor Supply Elasticities: Can Micro be Misleading for Macro?" (with Riccardo Fiorito)

"Revisiting Wages, Earnings, and Hours Profiles." (with Peter Rupert)

"Experiencing Breast Cancer at the Workplace." (with Ritesh Banerjee)

"The Tax Evasion Social Multiplier: Evidence from Italy." (with Roberto Galbiati)
"Neighborhood Effects and Neighborhood Choice" (with Yannis Ioannides)
"Welfare Stigma or Information Sharing? Decomposing Social Effects in Social Benefit Use." (with Ethan

Cohen-Cole)
"Social Interactions and Economic Behavior"
"Can Indirect Treatment Effects Identify Endogenous Social Effects?"

5. Lavori in corso di completamento

"Individual Heterogeneity and Incentive Homogeneity" (with Aldo Rustichini)
"Crime in Europe and in the US: A Cross-Country Analysis" (with Paolo Buonanno, Francesco Drago, and Roberto

Galbiati)
"Fractionalization and Crime" (with Paolo Buonanno and Paolo Vanin)
"Immigration and Crime" (with Alberto Dalmazzo)
"Secular Fair Equilibrium" (with Nicola Dimitri)

DIDATTICA

1. Social Interactions (Economics and Econometrics of Social Effects), graduate, Spring 2010, Università di

Bologna

2. Advanced Macroeconomics, laurea specialistica, Spring 2010, Università di Siena
3. Econ 101 (Intermediate Macroeconomics), undergraduate, Spring 2009, UC-Santa Barbara
4. Econ 105 (Advanced Macroeconomics), undergraduate, Spring 2009, UC-Santa Barbara
5. Macroeconomia, laurea triennale, 2008, Università di Siena
6. Macroeconomia Avanzata, laurea specialistica, 2008, Università di Siena
7. Econometrics 2, graduate, Winter 2008, Università di Siena
8. Macroeconomia, laurea triennale, 2007, Università di Siena
9. Microeconomia, laurea triennale, 2007, Università di Siena
10. Econometrics 1, graduate, Winter 2007, Università di Siena
11. Politica Economica e Finanziaria, laurea triennale, 2006, Università di Siena
12. Macroeconomia, laurea triennale, 2006, Università di Siena
13. Microeconomia, laurea triennale, 2006, Università di Siena

PROGETTI DI RICERCA FINANZIATI E BORSE DI STUDIO

2007-2008 PAR Progetti, Università di Siena (con Alberto Dalmazzo)
2003-2004 Fellowship for Younger Scholars, MacArthur Foundation Network on Economic Inequality and Social

Interactions.
2000-2004 Università di Siena, borsa di studio quadriennale per frequenza dottorato di ricerca.

SEMINATI A INVITO

2009/2010 University of Leicester, Aarhus University, University of Chicago (Booth), Università di

Roma-La Sapienza, IMT Lucca, Humboldt University-Berlin, University of Alicante.
2008/2009 Università di Bologna, Università di Napoli-Parthenope, European University Institute, New York

University, University of California-Santa Barbara, University of California-San Diego.
2007/2008 University of Amsterdam, Tilburg University, Groningen University, Università di Roma -La

Sapienza.
2006/2007 University of California-Berkeley, United Nations University-MERIT, Università di Bergamo,

Università di Padova.
2005/2006 Università di Trento
2003/2004 University of Wisconsin-Madison

PRESENTAZIONI A CONFERENZE INTERNAZIONALI

EEA 2010 Meeting, Glasgow: "Revisiting Wage, Earnings, and Hours Profiles"
SED 2010 Meeting, Montreal: "Revisiting Wage, Earnings, and Hours Profiles"
SOLE/EALE 2010 Meeting, London: "Revisiting Wage, Earnings, and Hours Profiles"
Colloque CIREQ 2009 Conference (Econometrics of Interactions), Montreal: "Can Indirect Treatment Effects

Identify Endogenous Social Effects?"

ES 2009 Winter Meeting, San Francisco: "The Tax Evasion Social Multiplier: Evidence from Italy"
ES 2008 European Meeting, Milan: "Labor Supply Elasticities: Can Micro be Misleading for Macro?"
EEA 2008 Congress, Milan: "The Tax Evasion Social Multiplier: Evidence from Italy"
SED 2008 Meeting, Cambridge MA: "Labor Supply Elasticities: Can Micro be Misleading for Macro?"
ES 2008 Winter Meeting, New Orleans: "Neighborhood Effects and Neighborhood Choice"
WEHIA 2006, Bologna: "Discrete Choice with Social Interactions and Endogenous Memberships"
EEA 2004 Congress, Madrid: "Discrete Choice with Social Interactions and Endogenous Memberships"
EEA 2002 Summer School, Lisbon: "Non-Market Interactions and Market Dynamics"
EAEPE 2001 Congress, Siena: "Networks, Mobility and Social Capital"

REFEREE: Quarterly Journal of Economics, Journal of Human Capital, Journal of Economic Behavior and

Organization, Labor, Journal of Economic Interaction and Coordination, Metroeconomica.

AFFILIAZIONI PROFESSIONALI: European Economic Association, American Economic Association, Econometric Society,
Society of Labor Economists.

LINGUE: English (fluent), French (basic), Italian (native).

REFERENZE

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Publicazioni:

ZANELLA G. (2009). *CRIMEN E INMIGRACIÓN: CÓMO ENTENDER DIFERENTES PAUTAS*. In: R. SANDELL, C. ALONSO-BORREGO, N. GAROUPA, M. PERERA, P. VAZQUEZ, C. AMUEDO-DORANTE, S. DE LA RICA, F. FUELGUEROSO, N. ZINOVYEVA, S. JIMENEZ, N. JORGENSEN, J. LABEAGA, A. MONTES, M. BOLDRIN, C. GONZALEZ, J. CONDRE-RUIZ G. ZANELLA C. GARRIGA. *Efectos economicos de la inmigracion en espana*. p. 309 - 319, MADRID: Marcial Pons, ISBN/ISSN: 978-84-9768-639-6

COHEN-COLE E., ZANELLA G. (2008). *Unpacking Social Interactions*. *ECONOMIC INQUIRY*, vol. 46; p. 19 - 24, ISSN: 0095-2583

ZANELLA G. (2007). *Discrete Choice with Social Interactions and Endogenous Memberships*. *JOURNAL OF THE EUROPEAN ECONOMIC ASSOCIATION*, vol. 5; p. 122 - 153, ISSN: 1542-4766

ZANELLA G. (2006). *Comportamento economico e relazioni sociali*. In: P. SACCO, S. ZAMAGNI. *Teoria economica e relazioni interpersonali*. p. 329 - 364, BOLOGNA: Il Mulino, ISBN/ISSN: 88-15-00000-0

ZANELLA G. (2006). *Review of 'Economics and Social Interaction: Accounting for Interpersonal Relations'*. *JOURNAL OF ECONOMICS*, vol. 88; p. 93 - 96, ISSN: 0931-8658

ZANELLA G. (2001). *Partecipazione con avversione al rischio e coordination failures: riconsiderazione e tentativo di sintesi dei modelli di Weitzman e Meade*. *RIVISTA DI POLITICA ECONOMICA*, vol. 91; p. 119-156, ISSN: 0035-6468

Testo inglese

1. **FORT Margherita**

Curriculum:

CONTACT INFORMATION

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PERSONAL DETAILS

Name and surname: Margherita Fort
Date of birth: February 10, 1977
Married, 1 child (3 days)

RESEARCH INTERESTS AND COMPETENCES

Treatment evaluation and Microeconometrics
Economics of education and fertility decisions
Inequality and poverty dynamics

CURRENT AND MOST RECENT POSITION

October 2007-now
Assistant Professor in Econometrics University of Bologna (tenure track)
School of Economics, Dept. of Economics
September 2008, September 2009

Teaching Assistant, University Centre for Econometrics Bertinoro, Italy

September 2006-August 2007

Max-Weber Fellow at European University Institute, Department of Economics

October 2009-now

Member of the Centre for Household, Income, Labour and Demographic Economics (CHILD)

2001- 2008

Member of research group "Evaluating the effects of labour market policies and incentives to firms and welfare policies: methodological issues and case studies" co-ordinated by Prof. Rettore, University of Padova

PREVIOUS APPOINTMENTS

November 2006

Teaching Assistant (PhD Programme in Economics), European University Institute

April-August 2006

Research Officer at the University of Padova, Department of Economics, project "Analysing the effects of school reforms on wages and health in Europe"

February-March 2006 and November-December 2005

Research Assistant at the University of Padova, Department of Economics within the projects Advanced Multidisciplinary Analysis of New Data on Aging (AMANDA) and Survey on Health, Ageing and Retirement in Europe (SHARE)

October 2005

ECASS Visiting Fellow at the University of Essex, Institute of Social and Economic Research (ISER)

January - October 2005

Research Officer at the University of Padova, Department of Statistical Sciences project "Evaluating the effects of labour market policies and incentives to firms and welfare policies: methodological issues and case studies"

October - November 2004, 2005 and May - June 2003, 2004, 2006

Teaching Assistant at the University of Padova, School of Statistics and School of Economics

EDUCATION

January 2002 - June 2005

Ph.D. in Statistics Applied to Economics (defended September 30, 2005) and Social Sciences.

University of Padova Supervisor: Prof. E. Rettore. Committee: Prof. G. Pellegrini (University of Bologna), Prof. F. Billari (Bocconi University), Prof. Biagi (University of Padova).

March 2007

Masterclass on nonlinear dynamic panel data models. Cemmap, London, UK Tutor: M.

Arellano

September 2004

Agent-Based Models in Demography. University of Padova, Italy. Tutors: F. Billari, T. Fent

Graphical Models and their Applications. University of Padova, Italy. Tutor: V. Didelez

September 2003

XIVth Summerschool of the European Economic Association (Microeconometrics), Institute of

Fiscal Studies London, UK. Tutors: J. Wooldridge, S. Bond, H. Ichimura, A. Chesher, W. Newey

Qualitative Research Methods In Demography, University of Padova, Italy. Tutor: L. Bernardi

May 2003

Masterclass on semi- and non- parametric econometrics. Cemmap. London, UK. Tutor: J.L.

Powell

February 2003

Masterclass on quantile regression Cemmap, London, UK. Tutor: R. Koener

January- March 2003

Masterclass on application of data analysis (survival analysis and panel data methods).

University of Essex. Tutors: J. Ermisch, S. Jenkins, M. Francesconi, M. Taylor

Masterclass on topics in labour economics, University of Essex Tutor: A. Gosling

November 2002

Masterclass on duration analysis, Cemmap, London, UK. Tutor: G. van der Berg

September 2002

Residential Course for PhD students on microeconomic analysis of cross-sections and panel

data at the University Centre for Econometrics (CIdE) Bertinoro, Italy. Tutors: N. Cappuccio, D.

Lubian, R. Mosconi, E. Rettore, A. Sembenelli.

Graduate summerschool on quantitative policy evaluation methods, Progetto Valutazione

(ProVA). Tutors: D. Bondonio, A. Martini, M. Sisti, E. Rettore

June 2002

Italian Society of Statistics (SIS) Summerschool on linear and non-linear methods

methods for time-series analysis and forecasting, Treviso, Italy. Tutors: C. Agostinelli, L.

Bisaglia, S. Bordignon, F. Parpinel, C. Pizzi, I. Procidano, T. Proietti.

September 1996 - November 2001

Laurea in Statistics and Economics. University of Padova, School of Statistics.

Final grade: summa (110/110) cum laude.

Supervisors: Prof. E. Rettore, Prof. U. Trivellato.

FELLOWSHIPS and GRANTS

2010 Grant Italian Ministry of the University and Scientific Research, 2009 FIRB call: local coordinator for the Bologna Research Unit project "The Policy Implications of Demographic Ageing"

2009 Grant by CARIPARO, Progetti di Eccellenza 2008-09 call for the project

"The effect of early life conditions and outcomes on economic wellbeing and health later in life"

2006 Max-Weber Post-Doctoral Fellowship at the European University Institute

2006 Funding from the National Bureau of Economic Research to attend the NBER Education and Children Program Meeting in Boston

2005 Funding the Vienna Institute of Demography for attending the international

conference on postponement of childbearing in Europe in Vienna

2003 Marie Curie Fellowship at ISER, University of Essex

2003 Fellowship for the XIVth Summerschool of the European Economic Association

2002 Fellowship for the First ProVA Summerschool on policy evaluation (funded by

Compagnia San Paolo)

2001 Italian Ministry of the University and Scientific Research Fellowship (3 years)

Funding for PhD in Statistics Applied to Economics and Social Sciences

CONFERENCES and SEMINARS

2009

VIII "BRUCCHI LUCHINO" Labour Economics Workshop, Bank of Italy
64th European Meeting of the Econometric Society, Barcelona
New Directions in Welfare - A conference for economists and policy makers, Oxford
3rd Italian Congress of Econometrics and Empirical Economics, Ancona
2008
XXII Annual Conference of the European Society for Population Economics, UCL London
3rd Meeting of the Winners of the Bank of Sweden Prize in Economic Sciences in Memory of Alfred Nobel, Lindau
PRIN 2005 workshop "Program Evaluation: methods and case studies"
Annual conference of the European Association for Labour Economists
2007
VI Brucchi Luchino Labour Economics Workshop, University of Salerno
14th International Conference on Panel Data, Xiamen
University of Bologna, Applied Microeconometrics seminar series (invited)
European University Institute, Econometrics Research Workshop
Heriot-Wat University, School of Management and Languages, Edinburgh (job market talk)
Stockholm School of Economics, Stockholm (job market talk)
2nd PhD presentation Meeting, London School of Economics and Political Science
2nd Italian Congress of Econometrics and Empirical Economics, University of Bologna
Workshop of the research group "Evaluating the impact of public interventions: methods and case studies", University of Florence
2006
Causal Analysis in Population Studies: Concepts, Methods, Applications, Vienna
European Meeting of the Econometric Society, Vienna
Villa Mondragone Workshop in Economic Theory and Econometrics, Rome
Workshop The Evaluation of Labour Market, Welfare and Firm Incentives Programmes, Venice
National Bureau of Economic Research's Education and Children's Program meeting, Boston
Population Association of America Annual Conference, Los Angeles
2005
IV Brucchi Luchino Labour Economics Workshop, Università Cattolica del Sacro Cuore, Milan
International conference on Postponement of Childbearing in Europe, Statistics Austria, Vienna
Joint Empirical Social Sciences seminar, Institute of Social and Economic Research, Colchester
Workshop Evaluating the effects of labour market and welfare policies: Methods and Case Studies, MIUR PRIN 2003 Conference. LABORatorio Revelli, Torino
Workshop Family policies: description and evaluation Department of Statistics, Padova
2003
XIVth EEA Summerschool, Institute of Fiscal Studies, London.
Joint Empirical Social Sciences seminar, Institute of Social and Economic Research, Colchester.

PUBLICATIONS

Brunello, G. and Fabbri, D. and Fort, M. (2009) "Years of Schooling, Human Capital and the Body Mass Index of European Females" IZA Discussion Paper No. 4667 also appeared as CHILD Working Paper No. 26/2009 and as SOEPpapers on Multidisciplinary Panel Data Research 262/2010. Submitted

Brunello, G. and Fort, M. and Weber, G. (2009) "Changes in Compulsory Schooling, Education and the Distribution of Wages in Europe" *The Economic Journal*, Vol. 119(536), March, pp. 516-539.

Battistin, E. and Fort, M. (2008) "What's Missing from Program Evaluation: Identification and Estimation of the Distribution of Treatment Effects" *Atti della XLIV Riunione Scientifica, Società Italiana di Statistica*, March, pp. 127-134

Fort, M. (2005) "Education and the Timing of Births: Evidence from a Natural Experiment in Italy", ISER Working Paper 2005 20. Colchester: University of Essex and Working Paper 69 in the research group "Evaluating the effects of labour market policies and incentives to firms and welfare policies: methodological issues and case studies" working paper series

Fort, M. (2007) "Just A Matter of Time: Empirical Evidence of the Causal Effect of Education on Fertility", European University Institute, Working Paper 22. Revised and enlarged version of Fort (2005)

Brunello, G. and Fort, M. and Weber, G. (2007) "For One More Year With You: Changes in Compulsory Schooling, Education and the Distribution of Wages in Europe", IZA Discussion Paper No. 3102

WORK IN PROGRESS

Bigoni, M. and Fort M. and Nardotto, M. and Reggiani, T. "Teams of Tournaments? A Field Experiment on PERFORMANCE, Cooperation and Competition"
Fort, M. and Spady, R. "Identification of Quantile Treatment Effects Exploiting Instrumental Variation"
Fort, M. and Rettore, E. "Transient and Permanent Effects of Risk Factors on the Household Income Level"

COMPUTER SKILLS

Statistical Packages : STATA, SAS, R, Ox, MATLAB, LISREL, l.e.m, E-VIEWS
Other: C++, HTML, LaTeX, MS Office, SQL

LANGUAGE SKILLS

Italian: Mother Tongue
English: understanding and reading: fluent; writing and speaking: fluent
2006 Pronunciation, Academic Writing Course European University Institute Language Centre
2003 Grammar Course, Writing Course and PhD Language Support course
University of Essex, English Language Teaching Centre (inter-sessional classes)
1995,1994 First Certificate in English, Preliminary English Test, University of Cambridge
Local Examinations Syndicate International Examination
German: understanding, reading: good; writing and speaking: basic
French and Spanish: understanding, reading, writing and speaking: basic

CERTIFICATION

I declare that this curriculum vitae is a true and accurate statement of my current professional record.

Bologna, 20 Maggio 2010
Margherita Fort

Pubblicazioni:

BRUNELLO G., FORT M., WEBER G. (2009). Changes in Compulsory Schooling, Education and the Distribution of Wages in Europe. *ECONOMIC JOURNAL*, vol. 119; p. 516 - 539, ISSN: 0013-0133

GIORGIO BRUNELLO, DANIELE FABBRIO, FORT M. (2009). Years of Schooling, Human Capital and the Body Mass Index of European Females. *BONN: Institute for the Study of Labor*, p. 52

E. BATTISTIN, FORT M. (2008). What's Missing from Policy Evaluation: Identification and Estimation of the Distribution of Treatment Effects. In: *Atti della XLIV Riunione Scientifica, Società Italiana di Statistica. Università della Calabria*, 25-27 Giugno 2008, s.l: s.n, p. 127 - 134

BRUNELLO G., FORT M., WEBER G. (2007). For One More Year With You: Changes in Compulsory Schooling, Education and the Distribution of Wages. *BONN: Institute for the Study of Labor IZA*

FORT M. (2005). Education and the Timing of Births: Evidence from a Natural Experiment in Italy. *COLCHESTER: Institute for Social and Economic Research*

2. **MANARESI Francesco**

Curriculum:

Current Position

Ph.D Candidate in Economics at the University of Bologna

Education

2007 - M.Sc. in Development Economics

Title: "Children left by migrant parents in the Republic of Moldova".

Supervisor: Prof. G.A. Cornia.

Honors: Summa cum laude, special mention for best M.Sc. Thesis of the year

2005 - B.S. in Economics, University of Florence

Title: "The development of SMEs in the Republic of Bulgaria - enterprise clustering in a transition economy".

Supervisor: Prof. M. Biggeri.

Other Educational Experiences

Universitat Pompeu Fabra, Barcelona, June 2008, Summer School in Microeconometrics.

University of Verona, Alba di Canazei, January 2008, IT3 Winter School in "Inequality and Collective Welfare Theory".

Teaching Experience

2008-present: Personnel Economics - TA - University of Bologna.

2007-09: Macroeconomics - TA - University of Bologna.

Presentations

"The monthly cycle of consumption and the role of shopping costs"

- 6th Prague Conference on Political Economy, Prague (April 2010)

- European University Institute - Department of Economics (March 2010)

- AIEL-CHILD: 1st International Conference on Labor Market and the Household; Collegio Carlo Alberto, Turin (December 2009)

University of Bologna - Department of Economics (November 2009)

"The effect of parental migration on the well-being of children left behind: the case of Moldova"

- World Bank Conference on "Youth Entrepreneurship in Eastern Europe and Central Asia", Rome (June 2007)

- University of Florence - Department of Economics (May 2007)

Papers and Publications

"The impact of the 2008 recession on intra-monthly consumption: clean evidence of time inconsistency" (2010), mimeo.

"The monthly cycle in consumption and the role of shopping costs" (2010), mimeo.

"Italy and the fight against world poverty" (2008), with Iacopo Viciani. ActionAid, Rome.

"Aid Performance and its Determinants. A Comparison of Italy with the OECD Norm" (2008), with Simone Bertoli and Giovanni Andrea Cornia, *BNL Quarterly Review*, Vol. LX (42).

"Migration and Children Well-Being in the Republic of Moldova" (2007), mimeo.

Working Experiences

May 2007 - present: ActionAid International,
researches on Aid and Development : statistical and econometric consultant
February 2006 - September 2006: Axon International s.a.s.,
development of a "certification facility" for the Bulgarian textile industry : project assistant

March 2004 - February 2006: Regional Authority of Tuscany ,
creation of a center for ICT services in the municipality of Kinshasa - Dem.Rep. of Congo : project manager

Languages

English: fluent
French: fluent
Spanish: good
Italian: mother tongue

Computer Skills

Linux, LaTeX, Stata, SAS, MatLab, Mathematica, R.

3. **NARDOTTO Mattia**

Curriculum:

Personal details:
Nationality Italian
Born Vicenza, 31/12/1982
Residence Bologna (Italy)

Current position:

Ph. D. candidate in economics, University of Bologna

Research interests:

Industrial organization, contract theory, behavioural economics, applied econometrics

Education:

2008 Econometric Summer School of Bertinoro. Courses on Panel Data Models and Count Data Models, Prof. B. Baltagi, R. Winkelmann.
2004 - 2007 Laurea Specialistica in Economia, Summa cum Laude
Title of the dissertation: "Dispersione dei prezzi e costi di ricerca"
(en. Search costs and price dispersion)
Supervisor: Prof. G. Calzolari, Department of economics, U. of Bologna
2001 - 2004 Laurea triennale in economia e commercio (Univ. of Verona)
Supervisor: Prof. N. Sartor, department of economics U. of Verona

Grant and honors:

Grant by EIF (with Giacomo Calzolari) for a research project in behavioral economics.

Teaching experience:

2008 - 2010 Teaching assistant in Adv. Econometrics (Graduate Course); Prof. R. Orsi
Teaching assistant in Econometrics (Undergraduate Course); Prof. R. Orsi
2007 - 2008 Teaching assistant in Econometrics (Undergraduate Course); Prof. R. Orsi

Additional skills:

Languages Italian (native)
English (advanced)

Technical skills:

Good knowledge of econometric packages (E-views, Microfit, Gretl, STATA) and MatLab; basic knowledge of R and BUGS
Good knowledge of MySQL, Php and JavaScript
Member of GUIT (italian TEX user group)
Good knowledge of php, MySQL, HTML and JavaScript

4. **PERSICO Nicola**

Curriculum:

Nicola Persico
Professor of Economics
Professor of Law and Society
New York University
e-mail: nicola@nicolapersico.com
<http://www.nicolapersico.com>

Addresses

Department of Economics School of Law, Vanderbilt Hall room 414C
269 Mercer Street, room 611 40 Washington Square South
New York, NY 10003 New York, NY 10012

Affiliations

2006-present Professor of Economics, and Professor of Law and Society, New York University
2001-2006 Associate Professor, Department of Economics, University of Pennsylvania
1997-2001 Assistant Professor, Department of Economics, University of Pennsylvania
1996-1997 Assistant Professor, Department of Economics, UCLA.
2006-present NBER Research Associate
2001 (Feb-July) Visiting Fellow, Department of Economics, Princeton University

Education

1996 Ph.D in Economics, Northwestern University
1995 Ph.D in Mathematical Economics (Trieste, Italy)
1991 Laurea in Economics, Università Bocconi, Milano (Italy), Magna cum Laude

Professional Activities

2009-present Associate Editor, *Econometrica*
2009-present Board of Editors, *American Economic Review*
2009-present Associate Editor, *Journal of the European Economic Association*
2001-2006 Editorial Board, *International Economic Review*

Grants

2009-2012 NSF Research Grant SES-0922215 for "A Search-Theoretic Approach to Markets for Illicit Goods."
2008-2009 NSF Doctoral Dissertation Improvement Grant SES-0750962 (supervising Moussa Blimpo), for "Team Incentives for Education in Developing Countries: A field Experiment in Benin."
2007-2009 NSF Research Grant SES0617507 for "Racial Profiling: Theoretical, Empirical, and Legal Analysis"
2004-2006 NSF Research Grant SES0422863 for "Disparate Treatment: Theories and Evidence"
2000-2003 NSF Research Grant SES0078870 for "Policy Outcomes and Efficiency in Political Systems"
1999-2000 NSF Research Grant SBR9905564 for "Optimal Mechanisms and Information Acquisition"

Honors and Fellowships

2002-2008 Selected Fellow at the Center for Advanced Study in the Behavioral Sciences, Stanford University
2007 Recipient of the first Carlo Alberto Medal, awarded to an Italian economist under the age of 40 for his/her outstanding research contributions to the field of economics.
2002-2007 Steven F. Goldstone Endowed Associate Professor in Economics
2002-2004 Alfred P. Sloan Research Fellow
1999 I. Kravis Award for Distinction in Undergraduate Teaching
1997 Selected as a speaker in the Review of Economic Studies Tour
1995-96 Sloan Dissertation Fellowship
1994-95 Università Bocconi Fellowship for Training in a Foreign Country
1994 Distinguished Teaching Assistant Award from the College of Arts and Sciences, Northwestern University
1992 Passed the Qualifying Examinations at Northwestern "with Distinction"
1991 Gold Medal for Best Student from the Friends of Università Bocconi

Publications

- "A Theory of Optimal Random Crackdowns," with Jan Eeckhout and Petra Todd. Forthcoming, *American Economic Review*.
- "Information Acquisition and the Exclusion of Evidence in Trials," with Benjamin Lester and Ludo Visschers. Forthcoming, *Journal of Law, Economics and Organization*.
- "Electoral Incentives, Political Risk-Taking and Policy Reform," with Alessandro Lizzeri. Published in *The Political Economy of Democracy*. E. Aragonés, C. Bevia, H. Llavador, N. Schofield, eds. Fundación BBVA, 2009.
- "Racial Profiling? Detecting Bias Using Statistical Evidence." *Annual Review of Economics* 2009, 1, pp. 229-54.
- "The hit rates test for racial bias in motor-vehicle searches." *Justice Quarterly*, 25(1) March 2008, pp. 37-53, with Petra Todd.
- "Generalising the Hit Rates Test for Racial Bias in Law Enforcement, with an Application to Vehicle Searches in Wichita." *The Economic Journal*, 116 (November 2006), pp. F351-F367, with Petra Todd.
- "Campaign Spending Regulation in a Model of Redistributive Politics." *Economic Theory* 28(1), May 2006, pp. 95 - 124, with Nicolas Sahuguet.
- "A Drawback of Electoral Competition." *Journal of the European Economic Association* 3(4), December 2005, 1318-1348, with Alessandro Lizzeri.
- "Passenger Profiling, Imperfect Screening, and Airport Security." *The American Economic Association Papers and Proceedings* (2005), pp. 127-31, with Petra Todd.
- "Detecting Bias: Using Statistical Evidence to Establish Intentional Discrimination in Racial Profiling Cases." *University of Chicago Legal Forum*, (2005), pp. 217-35, with David Castleman.
- "The Effect of Adolescent Experience on Labor Market Outcomes: The Case of Height." *Journal of Political Economy* 112(5), October 2004, pp. 1019-53, with Andrew Postlewaite and Dan Silverman.
- "Why Did the Elites Extend the Suffrage? Democracy and the Scope of Government, With an Application to Britain's 'Age of Reform.'" *Quarterly Journal of Economics* 119(2), May 2004, pp. 707 - 765, with Alessandro Lizzeri.
- "Committee Design with Endogenous Information." *Review of Economic Studies* 71(1), January 2004, pp. 165-94.
- "Racial Profiling, Fairness, and Effectiveness of Policing." *American Economic Review* 92(5), December 2002, pp. 1472-97.
- "The Provision of Public Goods under Alternative Electoral Incentives." *American Economic Review* 91(1), March 2001, pp. 225-39, with Alessandro Lizzeri.
- "Racial Bias in Motor-Vehicle Searches: Theory and Evidence." *Journal of Political Economy* 109(1), February 2001, pp. 203-29, with John Knowles and Petra Todd.
- "Information Acquisition in Auctions." *Econometrica* 68(1), January 2000, pp. 135-48.
- "Uniqueness and Existence of Equilibrium in Auctions with a Reserve Price." *Games and Economic Behavior* 30(1), January 2000, pp. 83-114, with Alessandro Lizzeri.
- "Acylicity of Optimal Paths." In *Nonlinear Dynamics in Economics and Social Sciences* F. Gori, L. Geronazzo, M. Galeotti, editors, pp. 283-95. Springer-Verlag, Berlin Heidelberg 1993, with Luigi Montrucchio.

Working Papers

- "A Search-Theoretic Model of the Retail Market for Illicit Drugs," with Manolis Galenianos and Rosalie Liccardo Pacula. Mimeo, New York University, August 2008.
- "Factions and Political Competition," with Jose-Carlos Rodriguez Puelblita and Dan Silverman. Mimeo, New York University, March 2008.
- "Generic Uniqueness of the Solutions to a Continuous Linear Programming Problem." Mimeo, New York University.
- "Information Acquisition and the Excess Refund Puzzle," Mimeo, University of Pennsylvania, 2005, pp. 1-38, with Steven Matthews.
- "Games of Redistributive Politics Are Equivalent to All-Pay Auctions With Consolation Prizes." Mimeo, University of Pennsylvania 2000, pp. 1-9.

Department and University Service

2007-present Graduate Admissions Committee, Economics Department
2007-present Graduate Admissions Committee, Institute for Law and Society
2004-2006 CUAS Committee
2002-2006 PPE Advisory Committee
2002-2004 Graduate Admissions Committee (many times before 2002, Chair for the three years 2002-2004)
2003-2006 Economics Honors Thesis Committee
2005 Fulbright Faculty Committee

2000, 2001 Graduate Comprehensive Examinations Committee

Dissertation Committee, Honors Theses, Independent Studies

Graduate Dissertation Committee: Sumantra Sen, Anna Rubinchik, Luis Sanz, Jeong Byun, Nicolas Sahuguet, Sergio Parreiras, Makoto Hanazono, Manuel Willington, Brandon Weber, Yoichi Hizen, Kwang-Ho Kim, Andrea Mattozzi, Sam-Ho Lee, Tetsuya Maruyama, Jose Carlos Rodriguez-Pueblita.

Undergraduate Honors Theses: Jonah Paransky, Ayelet Wolf, Michael Frankel, Daniel Stahl, Stephanie Au, Jasmin Lau, Katherine Onishi.

Independent Studies: Rahier Rahman.

Conference Presentations

1997-2005 American Economic Association Meetings (Philadelphia PA 2005, Evanston IL 2003, New Orleans 2001, San Diego CA 1997)
2005 WISE Workshop (Salerno, Italy)
2003-2006 Northwestern Workshops on Racial Profiling (Evanston IL 2003, 2004, 2006)
2004 University of Chicago Legal Forum Symposium (Chicago)
2003 Conference on Crime and Public Policy (UPenn)
2002 ESRC Conference on Economic Policy and Political Myopia" (Cambridge, UK)
2001 Stanford Institute for Theoretical Economics Summer Conference
1997-2001 Wallis Conference on Political Economy (Rochester 2001, Evanston 1997)
2001 NSF Decentralization Conference (St. Louis, MI 2000, Washington)
2000 International Congress of the Game Theory Society (Bilbao)
2000 EU Conference "The Political Economy of Economic Policy." (Toulouse)
1999 Society of Economics Dynamics Meetings (Alghero, Italy)

Seminars

2006 Wisconsin, NYU, Princeton, U of Michigan, Berkeley
2005 MIT Political Science, Berkeley Haas Business School, Duke, European University Institute (Florence, Italy), Bocconi University (Milan, Italy), IIES (Stockholm, Sweden), Vanderbilt, Northwestern
2004 University of British Columbia, U. of Washington at Seattle, Washington U. St. Louis
2003 Columbia, Berkeley, Georgetown, U. of Mannheim, U. of Bonn
2002 Southern Methodist University, Penn State, Rutgers
2001 Ohio State University, University of Minnesota, Columbia, University of Illinois at Urbana-Champaign, Stanford, Duke, Johns Hopkins
2000 NYU, Penn Law School, University of Wisconsin
1999 London School of Economics, University College London, University of Michigan, Yale

Publicazioni:

LIZZERI A, PERSICO N. (2004). *Why Did the Elites Extend the Suffrage? Democracy and the Scope of Government, With an Application to Britain's Age of Reform.* QUARTERLY JOURNAL OF ECONOMICS, ISSN: 0033-5533
PERSICO N. (2004). *Committee Design with Endogenous Information.* REVIEW OF ECONOMIC STUDIES, ISSN: 0034-6527
PERSICO N., POSTLEWAITE A, SILVERMAN D (2004). *The Effect of Adolescent Experience on Labor Market Outcomes: The Case of Height.* JOURNAL OF POLITICAL ECONOMY, ISSN: 0022-3808

PERSICO N. (2002). *Racial Profiling, Fairness, and Effectiveness of Policing.* THE AMERICAN ECONOMIC REVIEW, ISSN: 0002-8282

KNOWLES J, PERSICO N., TODD P (2001). *Racial Bias in Motor-Vehicle Searches: Theory and Evidence.* JOURNAL OF POLITICAL ECONOMY, ISSN: 0022-3808

LIZZERI A, PERSICO N. (2001). *The Provision of Public Goods under Alternative Electoral Incentives.* THE AMERICAN ECONOMIC REVIEW, ISSN: 0002-8282

PERSICO N. (2000). *Information Acquisition in Auctions.* ECONOMETRICA, ISSN: 0012-9682

5. **REGGIANI Tommaso**

Curriculum:

TOMMASO REGGIANI

Università di Bologna
Dipartimento di Scienze Economiche
Piazza Scaravilli 2
40126 Bologna
Email: tommaso.reggiani2@unibo
Mobile: +39 340 8636884

IZA - Institute for the Study of Labor, Bonn
(Research affiliate)

EDUCATION

- PhD candidate, Economics, Università di Bologna (DSE), Oct. 2008-present

- B.A. with honors, Economics, Università di Milano-Bicocca, a.a. 2007/2008

AREAS OF INTEREST

*Experimental and Behavioral Economics
Applied Microeconomics*

ACADEMIC EMPLOYMENT

*Università di Milano-Bicocca (DEP),
- Research Assistant in Experimental Economics, Sep. 2007-present*

TEACHING EXPERIENCE

*Università di Milano-Bicocca (DEP),
- Tutor in Microeconomics (Master in Non-Profit Enterprise), a.a. 2006/2007*

PUBLICATIONS

*- BOOK REVIEW, Luigino Bruni: 'Reciprocity'-Economic Thought and Reciprocity Theories, Rivista di Storia del Pensiero Economico, Franco Angeli - SPE n.1-2007, pp. 200-2002, Jun. 2007
- DICTIONARY VOICE, Microfinance, Dictionary of Civil Economy, Bruni and Zamagni (edd.), Città Nuova Editore - forthcoming 2009
- WORKING PAPER: Survey on Child Labour Statistics, mimeo (DIMEQUANT) - Università di Milano-Bicocca, May 2008.*

SELECTED HONORS AND GRANTS

- MIUR PhD grant, Università di Bologna, a.a. 2008/2009

6. RUSTICHINI Aldo

Curriculum:

*email: Aldo.Rustichini@gmail.com
email: Aldo.Rustichini@gmail.com
Marital Status: Married;
Citizenship: Italian*

EDUCATION

*B.A. Philosophy University of Florence Italy 1977
M.A. Economics University of Manchester UK 1980
Ph.D. Mathematics University of Minnesota USA 1987*

CURRENT AFFILIATION and POSITION

*Professor of Economics, Department of Economics, University of Minnesota.
Center for Cognitive Sciences, University of Minnesota.
Director of Research, Faculty of Economics, University of Cambridge.*

RESEARCH INTERESTS

Decision Theory, Game Theory, General Equilibrium Theory, Neuroscience and Economics, Experimental Economics, Behavioral Economics, Microeconomic Theory, Models of Bounded Rationality; Economic Dynamics and Macroeconomics, Political Economy.

EDITORIAL ACTIVITY

Referee for Econometrica, Journal of Economic Theory, Review of Economic Studies, Journal of Economic Dynamics and Control, American Economic Review.

Associate Editor of Games and Economic Behavior, Journal of Mathematical Economics, PLOS One Biology

Past Associate Editorships:

*Journal of Economic Theory;
Review of Economic Dynamics*

FELLOWSHIPS

Fellow of the Econometric Society, Council of the Game Theory Society

PUBLICATIONS

Decision Theory, Experimental Economics and Neuroeconomics

Published papers

- 1. Ifat Levy, Jason Snell, Amy Nelson, Aldo Rustichini, and Paul Glimcher, "The neural representation of subjective value under risk and ambiguity", Journal of Neurophysiology, forthcoming*
- 2. Uri Gneezy, Aldo Rustichini, Alexander Vostroknutov, "Experience and Insight in the Race game", Journal of Economic Behavior and Organization, forthcoming.*
- 3. Aldo Rustichini, Neuroeconomics: what have we found, and what should we search for, Current Opinions in Neurobiology, 19, 672-677*
- 4. John Dickhaut, Aldo Rustichini, and Vernon Smith, A Neuroeconomic theory of the decision process Proceedings of the National Academy of Sciences, 106, 52, December 29, 2214522150, (2009)*
- 5. (with Burks, Carpenter, Goette) "Cognitive Skills A ect Economic Preferences, Social Awareness, and Job Attachment," Proceedings of the National Academy of Sciences, 106, 19, May 12, 7745-7750, (2009)*
- 6. "Decision Making and Equilibria", Synthese, forthcoming, 2009*
- 7. (with Giorgio Coricelli) "Counterfactual Thinking and Emotions: Regret and Envy Learning "(2009), Philosophical Transactions of the Royal Society, B*
- 8. (with Johnson, M. and MacDonald, A.) "Suspicious personality predicts behavior on a social decision-making task", Personality and Individual Differences, 47, 1, 30-35(2009).*

9. (with Giorgio Coricelli) "Reward-based emotions: a ective evaluation of outcomes and regret learning", *Handbook of Emotions*, (2009).
10. Rustichini, A., "Is there a Method of Neuroeconomics?" *American Economic Review: Microeconomics*, (2009)
11. (with John Coates and Mark Gurnell), "Second to fourth digit ratio predicts success among high-frequency nancial traders", *Proceedings of the National Academy of Sciences*, 106, 2, January 13, 623-628, (2009)
12. Bault, N., Coricelli, G., Rustichini, A., "Interdependent utilities: how social ranking a ects choice behavior", *PLoS ONE* 3, 10, e3477, (2008)
13. (with Bart Lipman and Eddie Dekel) "Temptation-Driven Preferences", *Review of Economic Studies*, (2008)
14. "Dual or Unitary System? Two Alternative Models of Decision-Making", forthcoming, *Cognitive, A ective and behavioral Neurosciences*, 8, 4, 355-362, (2008)
15. (with Maccheroni, M., Marinacci, M., Taboga, M.), "Portfolio Selection with Monotone Mean Variance Preferences", *Mathematical Finance*, (2008)
16. "Neuroeconomics: Formal Models of Decision-Making and Cognitive Neuroscience", Chapter 4 in *Neuroeconomics: Decision Making and the Brain*, Elsevier, (2008)
17. "Decision-making and neuroeconomics: Neuroeconomics general: economics", *The New Encyclopedia of Neuroscience*, edited by Larry Squire et al, (2008).
18. "Dominance and Competition", *Journal of the European Economic Association*, 6, 2-3, (2008), 647-656
19. (with Charness, G. and Rigotti, L.), "Individual Behavior and Group Membership", *American Economic Review*, 97, 4, (2007), 1340-1352.
20. (with Burks, S., Carpenter, J., Gotte, L., Monaco, K., Porter, K.), "Using Behavioral Economic Field Experiments at a Firm: the Context and Design of the Truckers and Turnover Project", in: *The Analysis of Firms and Employees: Quantitative and Qualitative Approaches*, Bender, Lane, Shaw, Andersson, and Von Wachter (editors), NBER, University of Chicago Press, (2007).
21. (with Maccheroni F. and Marinacci, M.), "Ambiguity Aversion, Robustness, and the Variational Representation of Preferences", *Econometrica*, November, 1-62, (2006).
22. (with John Dickhaut) "Neuroeconomics", *The New Palgrave: A Dictionary of Economics*, (2007)
23. (with Maccheroni F. and Marinacci, M.), "Dynamic Variational Preferences", *Journal of Economic Theory*, 128, 4-44, (2006).
24. (with Kirchsteiger G and Rigotti, L.), "Your Morals Might be Your Moods", *Journal of Economic Behavior and Organization*, 59, 155-172, (2006)
25. "Emotions and Reasons in Making Decisions", *Science*, December 9, (2005)
26. (with Dickhaut, J., Ghirardato, P., K., Pardo, J. and Smith, K.), "A Brain Imaging Study of the Choice Procedure", *Games and Economic Behavior*, 52, 2, 257-282, (2005).
27. "Neuroeconomics: Past and Future", *Games and Economic Behavior*, 52, 2, 201-212, (2005).
28. (with Paul Glimcher) "The Consilience of Brain and Decision", *Science*, October 15, 2004
29. (with Erik Hoelzl) "Overcon dent: Do you put your money on it?" *Economic Journal*, 115, April, 305-318, (2005).
30. (with Uri Gneezy and Martin Dufwenberger) "Price Competition: The role of gender and education" in *Advances in Understanding Strategic Behaviour: Game Theory*, editor Ste en Huck.
31. (with Uri Gneezy) "Gender and Competition at a Young Age", *American Economic Review Papers and Proceedings*, 94, 2, (2004), 377-381
32. (with Dickhaut, J., Nagode, J., McKabe, K., Pardo, J. and Smith, K.) "The impact of the certainty context on the process of choice", *Proceedings of the National Academy of Sciences of the USA*, (2003), 100, 6, 3536-3541
33. (with Uri Gneezy and Muriel Niederle) "Performance in Competitive Environments: Gender Di erences" *Quarterly Journal of Economics*, August, (2003), 1049-1074
34. (with John Dickhaut) "The Investment Game", *Handbook of Cognitive Psychology*, Mc Millan editor, for Nature, volume 2, article 693, pages 231-238
35. (with Uri Gneezy) "Incentives, Punishment and Behavior", 2003, *Behavioral Economics*, edited by Colin Camerer, George Loewenstein, and Matthew Rabin
36. (with David Easley) "Optimal Guessing", forthcoming, *Journal of Economic Theory*
37. "Preference for Flexibility in Multi period problems", *Economic Theory*, 2002, 20, 4, 677-702
38. (with Eddie Dekel and Bart Lipman), "Representing Preferences with a Unique Subjective State Space", *Econometrica*, 69, 4, 891-934
39. (with Uri Gneezy) "Pay Enough or Don't Pay at All", *Quarterly Journal of Economics*, 2000, 791-810
40. (with Uri Gneezy) "A Fine is a Price", *Journal of Legal Studies*, 2000, 29, 1-17.
41. (with A. Villamil): "Intertemporal pricing in laboratory posted o er markets with di erential information" *Economic Theory*, 2000, 16, 3, 613-637.
42. (with David Easley) "Choice without Beliefs", *Econometrica*, 1999, 67, 1157-1184.
43. "Optimal Properties of Stimulus Response Models.", *Games and Economic Behavior*, 1999, 29, 244-273.
44. "Minimizing Regret: the General Case." *Games and Economic Behavior*, 1999, 29, 224-243.
45. (with Salvatore Modica) "Unawareness and Partitional Information Structures", *Games and Economic Behavior*, 1999, 27, 2, 265-298
46. (with J. Dr eze) "Moral Hazard and Conditional Preferences." *Journal of Mathematical Economics*, 1999, 31, 159-181.
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51. (with Salvatore Modica) "Awareness and Partitional Information Structures", in *Theory and Decision*, 1994, 37, 107-125.
52. "Decision Theory with Higher Order Beliefs" in *Theoretical Aspects of Reasoning about Knowledge (TARK IV)*, 1992, 118-131.

General Equilibrium, Game Theory, Growth and Economic Dynamics

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1. (with Paolo Siconol) "Growth in Economies with non Convexities: sunspot and lottery equilibria", *Economic Theory*, 24, 3, 701-726, (2005)
2. "Equilibria in Large Games with Continuous Procedures", *Journal of Economic Theory*. 111. (2003), 151-171
3. (with Berg, J., Marsili, M. and Zecchina, R.), "Are nancial Markets E cient? Phase Transition in the Aggregation of Information", *Complexity*, 8, 2, 20-23
4. (with Andrea Prat) "Games Played through Agents", *Econometrica*, 71, 4, (2003)
5. (with Jess Benhabib and Andr es Velasco) "Public Spending and Optimal Taxes Without Commitment", *Review of Economic Design*, 2001, 6, 3-4, 371-396
6. (with Andrea Ichino and Daniele Checchi) "More Equal but Less Mobile?", *Journal of Public Economics*, 1999, 74, 3, 351-393
7. (with M. Boldrin) "Political Equilibria with Social Security", *Review of Economic Dynamics*, 2000, 3, 1, 41-78.
8. "Dynamic Programming Solution of Incentive Constrained Problems" *Journal of Economic Theory*, 1998, 78, 2, 329-354.
9. "Lagrange multipliers in incentive-constrained problems" *Journal of Mathematical Economics*, 1998, 29, 4, 365-380.
10. (with S. Modica and J-M Tallon) "Bankruptcy and Unawareness in a General Equilibrium Model" *Economic Theory*, 1998, 12, 2, 259-292.
11. (with Pietro Reichlin) "Diverging Patterns with Endogenous Labor Migration", *Journal of Economic Dynamics and Control*, 22, 1998, 703-728.
12. (with Jess Benhabib) "Optimal taxes without commitment" *Journal of Economic Theory*, 1997, 77, 2, 231-259.
13. (with J. Benhabib) "Social Conflict and Growth" *Journal of Economic Growth*, 1996, 1, 125-142.
14. (with P.K. Dutta and S. Lach) "Better Late than Early: Vertical Di erentiation in the Adoption of a New Technology", *Journal of Economics and Management Strategy*, 1995, 4, 563-589.
15. (with A. Wolinsky) "Learning about Variable Demand in the Long Run", in *Journal of Economic Dynamics and Control*, 1995, 19, 1283-1292.
16. (with P.K. Dutta) "(s,S) Equilibria for Stochastic Games with an Application to Product Innovation", in *Journal of Economic Theory*, 1996, 67, 1-39.
17. (with Roy Radner) "The Design of Sharing Rules for a Partnership Model in Continuous Time", in *Games and Economic Behavior*, 1996, 12, 2, 245-265.
18. (with M. Satterthwaite and S. Williams) "Convergence to Price Taking Behavior in a Simple Market"; *Econometrica*, 1994, 5, 1041-1063.
19. (with M. Boldrin) "Indeterminacy of equilibria in optimal growth models"; *Econometrica*, 1994, 4.
20. (with E. Ben Porath and E. Dekel) "On the Relationship Between Mutation Rates and Growth Rates in a Changing Environment"; *Games and Economic Behavior*, 1993, 5, 4, 576-603.
21. (with Jess Benhabib) "Introduction to the Symposium on Growth, Fluctuations and Sunspots: Confronting the Data", *Journal of Economic Theory*, 1994, 63, 1-18.
22. (with Jess Benhabib) "A new Class of Solutions to Dynamic Programming Problems", *Journal of Economic Dynamic and Control*, 1994, 18, 807-813.
23. (with A. M. Khan) "Cournot-Nash Equilibrium Distributions for Games with Uncertainty and Imperfect Information"; *Journal of Mathematical Economics*, 1993, 22, 35-59.

24. (with E.K.Balder) "An Equilibrium Result for Games with Private Information and Uncountably Many Players"; in *Journal of Economic Theory*, 1993.
25. (with P.K.Dutta) "A Theory of Stopping Time Games with Applications to Product Innovations and Asset Sales", in *Economic Theory*, 1993, 3.
26. "Second Best Solutions for Games of Joint Exploitation of a Renewable Asset", in *Economic Theory*, 1992, 2, 191-201.
27. "Mixing on Function Spaces", in *Economic Theory*, 1992, 2.
28. (with A. Khan) "On Some Unpleasant Objects in Non-Separable Hilbert Spaces" in *Positive operators, Riesz Spaces and Economics*, edited by Aliprantis, Border and Luxembourg, Springer Verlag, 1991, 179-188.
29. (with J. Schmitz) "Research and Imitation in Long Run Growth", *Journal of Monetary Economics*, vol. 27, #2 (aprile 1991), 271-292.
30. (with J. Benhabib) "Vintage Capital, Investment and Growth", *Journal of Economic Theory*, 1991, 323-339.
31. (with A.M. Khan) "A Vintage Capital Model of Investment and Growth: Theory and Evidence", in Becker, R. et al. (eds), *Growth Equilibrium and Trade, II: the Legacy of Lionel McKenzie*, Academic Press 1992.
32. (with N. Yannelis) "Commodity Pair Desirability and the Core-Walras Conjecture", in Becker, R. et al. (eds), *Growth Equilibrium and Trade, II: the Legacy of Lionel McKenzie*, Academic Press 1992.
33. (with N. Yannelis) "On the Existence of Correlated Equilibria", in *Equilibrium Theory with Infinitely Many Commodities*, Springer-Verlag, 1992, 249-265.
34. (with N. Yannelis) "Equilibrium Points of Non-cooperative Random and Bayesian Games", in Aliprantis-Border-Luxembourg (eds.), *Positive Operators, Riesz Spaces and Economics*, Springer-Verlag, 1991, 23-48.
35. (with J. Benhabib) "Equilibrium Cycling with Small Discounting", *Journal of Economic Theory*, 52, 423-432.
36. (with N. Yannelis) "Edgeworth's Conjecture in Economies with a Continuum of Agents and Commodities", in *Journal of Mathematical Economics*, 1991.
37. (with A.M. Khan) "Cournot - Nash Equilibrium Distributions for Games with Differential Information", in *Proceedings of the Lumini Conference on Fixed Point Theory*, M. A. Thera and J.B. Baillon editors, Pitman, 1991, pages 245-261.
38. (with Chen Gui-Qiang) "The Riemann Solution to a System of Conservation Laws with Application to a Non-Zero Sum Game", *Contemporary Mathematics*, American Mathematical Society, 1989, vol. 100, 287-297.
39. (with N. Yannelis) "What is Perfect Competition?", in *Equilibrium Theory with Infinitely Many Commodities*, Springer-Verlag, 1992, 249-265.
40. (with Chiarenza, F. and Serapioni, R.) "De Giorgi - Moser Theorem for a Class of Degenerate Non-uniformly Elliptic Equations," in *Communications in Partial Differential Equations*, vol. 14 (5), 635-662, 1989.
41. "A Counterexample and an Exact Version of Fatou's Lemma in Infinite Dimensional Spaces," in *Archiv der Mathematik*, vol. 52, 357-362, 1989.
42. "Hopf Bifurcation for Functional Differential Equations of Mixed Type," in *Journal of Dynamics and Differential Equations*, vol. 1, No. 2, April 1989, 145-177.
43. "Functional Equations of Mixed Type: The Linear Autonomous Case," in *Journal of Dynamics and Differential Equations*, vol. 1, No. 2, April 1989, 121-143.

Pubblicazioni:

- JHONSON M, MACDONALD A, RUSTICHINI A. (2009). Suspicious Personality predicts Behaviour on a Social decision-making task. *PERSONALITY AND INDIVIDUAL DIFFERENCES*, ISSN: 0191-8869
- RUSTICHINI A. (2009). Is there a Method of Neuroeconomics?. *THE AMERICAN ECONOMIC REVIEW*, ISSN: 0002-8282
- LIPMAN B, DEKEN E, RUSTICHINI A. (2008). Temptation-Driven Preferences. *REVIEW OF ECONOMIC STUDIES*, ISSN: 0034-6527
- CHARNESS G, RIGOTTI L, RUSTICHINI A. (2007). Individual Behavior and Group Membership. *THE AMERICAN ECONOMIC REVIEW*, ISSN: 0002-8282
- RUSTICHINI A. (2007). Dominance and Competition. *JOURNAL OF THE EUROPEAN ECONOMIC ASSOCIATION*, ISSN: 1542-4766
- MACCHERONI F, MARINACCI M, RUSTICHINI A. (2006). Ambiguity Aversion, Robustness and Variational Representation of Preferences. *ECONOMETRICA*, ISSN: 0012-9682
- MACCHERONI F, MARINACCI M, RUSTICHINI A. (2006). Dynamic Variational Preferences. *JOURNAL OF ECONOMIC THEORY*, ISSN: 0022-0531
- EASLEY D, RUSTICHINI A. (2005). Optimal Guessing. *JOURNAL OF ECONOMIC THEORY*, ISSN: 0022-0531
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- GLIMCHER P, RUSTICHINI A. (2004). The Consilience of Brain and Decision. *SCIENCE*, ISSN: 0036-8075
- GNEEZY U, RUSTICHINI A. (2004). Gender Competition at a Young Age. *THE AMERICAN ECONOMIC REVIEW*, ISSN: 0002-8282
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- PRAT A, RUSTICHINI A. (2003). Games Played through Agents. *ECONOMETRICA*, ISSN: 0012-9682
- RUSTICHINI A. (2003). Equilibria in Large Games with Continuous Procedures. *JOURNAL OF ECONOMIC THEORY*, ISSN: 0022-0531
- RUSTICHINI A. (2002). Preferences for Flexibility in Multi Period Problems. *ECONOMIC THEORY*, ISSN: 0938-2259
- DEKEL E, LIPMAN B, RUSTICHINI A. (2001). Representing Preferences with a Unique Subjective State Space. *ECONOMETRICA*, ISSN: 0012-9682
- GNEEZY U, RUSTICHINI A. (2000). Pay Enough or Don't Pay at All. *QUARTERLY JOURNAL OF ECONOMICS*, ISSN: 0033-5533
- EASLEY D, RUSTICHINI A. (1999). Choice without Belief. *ECONOMETRICA*, ISSN: 0012-9682
- ICCHINO A, CHECCHI D, RUSTICHINI A. (1999). More Equal but Less Mobile?. *JOURNAL OF PUBLIC ECONOMICS*, ISSN: 0047-2727
- DAKEL E, LIPMAN B, RUSTICHINI A. (1998). Standard State-Space Models Preclude Unawareness. *ECONOMETRICA*, ISSN: 0012-9682
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- BOLDRIN M, RUSTICHINI A. (1994). Indeterminacy of Equilibria in Optimal Growth Models. *ECONOMETRICA*, ISSN: 0012-9682

7. ZANELLA Giulio

Curriculum:

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PERSONAL

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RESEARCH FIELDS

Applied Microeconomics
Social Interactions
Applied Econometrics
Labor Economics
Macroeconomics

TEACHING FIELDS

Microeconomics
Macroeconomics
Statistics and Econometrics

PROFESSIONAL APPOINTMENTS

2009-present Assistant Professor of Economics / Ricercatore, Università di Bologna.
2006-2009 Assistant Professor of Economics / Ricercatore, Università di Siena.
2009 Visiting Professor of Economics, University of California-Santa Barbara.
2002-2004 Honorary Fellow, Department of Economics, Univ. of Wisconsin-Madison.

EDUCATION

2005 Ph.D. in Economics, Università di Siena.
Advisor: Steven N. Durlauf (University of Wisconsin-Madison)
Dissertation: Essays in Social Interactions Economics.
2006 MS in Economics, University of Wisconsin-Madison.
1999 MA (Laurea) in Economics, Università di Siena.

RESEARCH

1. Journal Articles

"Unpacking Social Interactions." (with Ethan Cohen-Cole)
Economic Inquiry, 2008, 46(1), 19-24 (special issue edited by James Heckman)

"Discrete Choice with Social Interactions and Endogenous Memberships."
Journal of the European Economic Association, 2007, 5(1), 122-153.

"Participation under Risk-Aversion." [in Italian]
Rivista di Politica Economica, 2001, 91(1), pp. 119-156

2. Book Chapters

"Immigration and Crime: Making Sense of Multiple Patterns." [In Spanish]
Efectos Económicos de la Inmigración en España, Marcial Pons y FEDEA, Fundación de Estudios de Economía Aplicada, 2009.

"Market Interactions and Social Relations." [in Italian]
Teoria Economica e Relazioni Interpersonali, Pierluigi Sacco and Stefano Zamagni eds.,
Il Mulino, 2006, pp. 329-364.

3. Reviews

"Review of 'Economics and Social Interaction: Accounting for Interpersonal Relations'", Benedetto Gui and Robert Sugden, eds., 2005. *Journal of Economics*, 2006, 88 (1), 93-96.

4. Completed Working Papers

"Labor Supply Elasticities: Can Micro be Misleading for Macro?" (with Riccardo Fiorito)
"Revisiting Wages, Earnings, and Hours Profiles." (with Peter Rupert)
"Experiencing Breast Cancer at the Workplace." (with Ritesh Banerjee)
"The Tax Evasion Social Multiplier: Evidence from Italy." (with Roberto Galbiati)
"Neighborhood Effects and Neighborhood Choice" (with Yannis Ioannides)
"Welfare Stigma or Information Sharing? Decomposing Social Effects in Social Benefit Use." (with Ethan

Cohen-Cole)

"Social Interactions and Economic Behavior"
"Can Indirect Treatment Effects Identify Endogenous Social Effects?"

5. Work in progress

"Individual Heterogeneity and Incentive Homogeneity" (with Aldo Rustichini)
"Crime in Europe and in the US: A Cross-Country Analysis" (with Paolo Buonanno, Francesco Drago, and Roberto

Galbiati)

"Fractionalization and Crime" (with Paolo Buonanno and Paolo Vanin)
"Immigration and Crime" (with Alberto Dalmazzo)
"Secular Fair Equilibrium" (with Nicola Dimitri)

TEACHING EXPERIENCE

1. *Social Interactions (Economics and Econometrics of Social Effects)*, graduate, Spring 2010, Università di Bologna
2. *Advanced Macroeconomics, undergraduate*, Spring 2010, Università di Siena
3. *Econ 101 (Intermediate Macroeconomics)*, undergraduate, Spring 2009, UC-Santa Barbara
4. *Econ 105 (Advanced Macroeconomics)*, undergraduate, Spring 2009, UC-Santa Barbara
5. *Macroeconomia, undergraduate*, Spring 2008, Università di Siena
6. *Macroeconomia Avanzata, undergraduate*, Spring 2008, Università di Siena
7. *Econometrics 2, graduate*, Winter 2008, Università di Siena
8. *Macroeconomia, undergraduate*, Spring 2007, Università di Siena
9. *Microeconomia, undergraduate*, Spring 2007, Università di Siena
10. *Econometrics 1, graduate*, Winter 2007, Università di Siena
11. *Politica Economica e Finanziaria, undergraduate*, Fall 2006, Università di Siena
12. *Macroeconomia, undergraduate*, Spring 2006, Università di Siena
13. *Microeconomia, undergraduate*, Spring 2006, Università di Siena

GRANTS AND SCHOLARSHIPS

2007-2008 Università di Siena Research Grant (with Alberto Dalmazzo)
2003-2004 Fellowship for Younger Scholars, MacArthur Foundation Network on Economic Inequality and Social Interactions.
2000-2004 University of Siena Scholarship for graduate studies

INVITED SEMINARS

2009/2010 University of Leicester, Aarhus University, University of Chicago (Booth), Università di

Roma-La Sapienza, IMT Lucca, Humboldt University-Berlin, University of Alicante.
2008/2009 Università di Bologna, Università di Napoli-Parthenope, European University Institute, New York

University, University of California-Santa Barbara, University of California-San Diego.
2007/2008 University of Amsterdam, Tilburg University, Groningen University, Università di Roma -La

Sapienza.
2006/2007 University of California-Berkeley, United Nations University-MERIT, Università di Bergamo,

Università di Padova.
2005/2006 Università di Trento
2003/2004 University of Wisconsin-Madison

CONFERENCE PAPERS

EEA 2010 Meeting, Glasgow: "Revisiting Wage, Earnings, and Hours Profiles"
SED 2010 Meeting, Montreal: "Revisiting Wage, Earnings, and Hours Profiles"
SOLE/EALE 2010 Meeting, London: "Revisiting Wage, Earnings, and Hours Profiles"
Colloque CIREQ 2009 Conference (Econometrics of Interactions), Montreal: "Can Indirect Treatment Effects

Identify Endogenous Social Effects?"

ES 2009 Winter Meeting, San Francisco: "The Tax Evasion Social Multiplier: Evidence from Italy"
ES 2008 European Meeting, Milan: "Labor Supply Elasticities: Can Micro be Misleading for Macro?"
EEA 2008 Congress, Milan: "The Tax Evasion Social Multiplier: Evidence from Italy"
SED 2008 Meeting, Cambridge MA: "Labor Supply Elasticities: Can Micro be Misleading for Macro?"
ES 2008 Winter Meeting, New Orleans: "Neighborhood Effects and Neighborhood Choice"
WEHIA 2006, Bologna: "Discrete Choice with Social Interactions and Endogenous Memberships"
EEA 2004 Congress, Madrid: "Discrete Choice with Social Interactions and Endogenous Memberships"
EEA 2002 Summer School, Lisbon: "Non-Market Interactions and Market Dynamics"
EAEPE 2001 Congress, Siena: "Networks, Mobility and Social Capital"

REFEREE: *Quarterly Journal of Economics*, *Journal of Human Capital*, *Journal of Economic Behavior and Organization*, *Labor*, *Journal of Economic Interaction and Coordination*, *Metroeconomica*.

PROFESSIONAL AFFILIATIONS: European Economic Association, American Economic Association, Econometric Society, Society of Labor Economists.

LANGUAGES: English (fluent), French (basic), Italian (native).

REFERENCES

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Pubblicazioni:

ZANELLA G. (2009). *CRIMEN E INMIGRACIÓN: CÓMO ENTENDER DIFERENTES PAUTAS*. In: R. SANDELL, C. ALONSO-BORREGO, N. GAROUPA, M. PERERA, P. VAZQUEZ, C. AMUEDO-DORANTE, S. DE LA RICA, F. FUELGUEROSO, N. ZINOVYEVA, S. JIMENEZ, N. JORGENSEN, J. LABEAGA, A. MONTES, M. BOLDRIN, C. GONZALEZ, J. CONDRE-RUIZ G. ZANELLA C. GARRIGA. *Efectos economicos de la inmigracion en espana*. p. 309 - 319, MADRID: Marcial Pons, ISBN/ISSN: 978-84-9768-639-6

COHEN-COLE E., ZANELLA G. (2008). *Unpacking Social Interactions*. *ECONOMIC INQUIRY*, vol. 46; p. 19 - 24, ISSN: 0095-2583

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ZANELLA G. (2006). *Comportamento economico e relazioni sociali*. In: P. SACCO, S. ZAMAGNI. *Teoria economica e relazioni interpersonali*. p. 329 - 364, BOLOGNA: Il Mulino, ISBN/ISSN: 88-15-00000-0

ZANELLA G. (2006). *Review of 'Economics and Social Interaction: Accounting for Interpersonal Relations'*. *JOURNAL OF ECONOMICS*, vol. 88; p. 93 - 96, ISSN: 0931-8658

ZANELLA G. (2001). *Partecipazione con avversione al rischio e coordination failures: riconsiderazione e tentativo di sintesi dei modelli di Weitzman e Meade*. *RIVISTA DI POLITICA ECONOMICA*, vol. 91; p. 119-156, ISSN: 0035-6468