

**ENRICO RETTORE. Ph.D.**  
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**Personal Details**

Male  
October 5th, 1959  
Married. Two children (1993, 1997)

**Current Position**

Since 2015 **University of Trento – Department of Sociology and Social Research**  
Professor of Econometrics  
Since 2008 **FBK-IRVAPP, Trento (Italy)**  
Affiliated / Senior Researcher  
Since 2013 **Institute for the Study of Labor (IZA), Bonn (Germany)**  
Research Fellow  
Since 2017 **Global Labor Organization (GLO)**  
Fellow  
Since 2017 **CESifo, Munich (Germany)**  
Fellow

**Education**

1989 **University of Padova – Department of Statistics**  
Ph.D. in Statistics  
Doctoral dissertation: “The analysis of female labour supply: models and data”  
1984 **University of Padova – *Facoltà di Scienze Statistiche***  
Master’s Degree in Statistics and Economics

**Past Academic Positions**

2000-2015 **University of Padova – Department of Economics and Management**  
Professor of Economic Statistics  
1998-2000 **University of Padova – Department of Statistics**  
Associate Professor of Economic Statistics  
1989-1998 **University of Padova – Department of Statistics**  
Assistant Professor of Statistics

**Visiting Fellow**

2017 **CESifo (Munich)**  
2014 **IZA (Bonn)**

2003        **IFAU (Uppsala)**  
1991        **IFS (London)**  
1988        **UCL – Department of Economics (London)**

### **Teaching**

After tutoring several courses in Statistics and Econometrics during the period 1989 to 1998, I started teaching courses of ‘Introductory Econometrics’, ‘Econometrics’ and ‘Program Evaluation’, both at the *Facoltà di Scienze Statistiche* and at the School of Economics and Business Administration at the University of Padova, covering all the topics of classical econometrics and modern micro-econometrics including the econometrics of program evaluation.

Currently, I teach an undergraduate course of ‘Introductory Statistics’ and a master course of ‘Social inequalities’ at the Department of Sociology and Social Research, University of Trento.

I repeatedly taught selected topics in micro-econometrics at the School for Doctoral Students of the *Consorzio Italiano di Econometria*.

Since 2008, I have also been teaching at the annual FBK-IRVAPP Winter School on Program Evaluation. Special editions of this School have been delivered to the staff of the Research Department of the Bank of Italy (2008, 2013, 2015, 2017) and at the Joint Research Center of the European Commission (2017).

I supervised several doctoral students working at their dissertation. By now, four of them hold an academic position:

Erich Battistin, *Professor*, University of Maryland  
Margherita Fort, *Professore associato*, University of Bologna  
Omar Paccagnella, *Professore associato*, University of Padova  
Sara Tonini, *Lecturer*, University of Cape Town.

### **Academic journals I served as a referee**

American Economic Journal: Macroeconomics, American Economic Review, Annales d'Economie e de Statistique, British Journal of Industrial Relations, Demography, Economics of Education Review, Economics Letters, European Sociological Review, Evaluation Review, International Journal of Manpower, IZA World of Labor, Journal of Applied Econometrics, Journal of Applied Statistics, Journal of Econometrics, Journal of Educational and Behavioral Statistics, Journal of the European Economic Association, Journal of Health Economics, Journal of Human Resources, Journal of Labor Economics, Journal of Official Statistics, Journal of Political Economy, Labour, Labour Economics, Research in Economics, Scandinavian Journal of Economics, Statistica, Statistical Methods and Applications.

### **Main research interests** [please, refer also to the list of publications]

After working on measurement errors in national accounts and their impact on the estimation of macro-econometric models, I moved to micro-econometrics, working with qualitative and limited dependent variable models. In particular, at the time of my doctoral dissertation, I worked on the modelling of female labour supply in Italy in the presence of institutional constraints on the working week length. At the time, a major problem to estimate a labour supply equation for Italy was the lack of joint information on earnings, income and labour supply. In the dissertation I derived conditions

to identify the equation exploiting data from two complementary data sources: earnings and income from the Bank of Italy SHIW and labour supply from the Istat LFS.

My main research interest since the early '90s has been the econometrics of program evaluation within the more general issue of drawing inferences on causal parameters both in observational and in experimental settings. My research includes both studies on methodological issues - in particular, methodological advances on the Regression Discontinuity Design - and on case studies - in particular, the evaluation of public interventions - and more generally the estimation of structural parameters - in the field of labour, welfare and education.

Other research deals with issues of measurement of unemployment and participation at work and measurement of inequality and poverty. Measurement issues and the related matter of accounting for measurement errors in the estimation of causal parameters have been a concern throughout my research career.

### **Research grants and awards**

- 2019-2021    **Member** of the **scientific committee**: Research project co-funded by the European Commission 'Assess@Learning', in charge of the impact evaluation design.
  
- 2017-2019    **Member** of the **scientific committee**: Research project co-funded by the European Commission on "TEACH-UP – Teacher Upskilling Policy experimentation", in charge of the impact evaluation design.
  
- 2015- 2018    **Member** of the **scientific committee**: Research project co-funded by the European Commission on "Mentoring technology enhanced pedagogy", in charge of the impact evaluation design.
  
- 2015-2017    **Member** of the **scientific committee**: Research project co-funded by the DG Employment, Social Affairs and Inclusion on "Affording college with the help of asset building", in charge of the impact evaluation design.
  
- 2013-2014    **Member** of the **scientific committee**: Research project co-funded by the DG Employment, Social Affairs and Inclusion on "Post-secondary vocational training course: are they effective for Italian unemployed youth with a high school diploma?", in charge of the impact evaluation design.
  
- 2007-2010    **Project Leader**: Research project supported by the Italian Ministry of Economy and Public Finance on the evaluation of the occupational impact of a wage subsidy program.
  
- 2005-2007    **Project Leader**: Research project supported by the Italian Ministry of University and Research on "Evaluating the impact of public interventions: methods and case studies".
  
- 2003            **Project Leader**: Research project supported by the Italian Ministry of Welfare on the impact of benefits to redundant employees on their subsequent labour market history.

I have been awarded the *Società Italiana di Statistica* prize for the best doctoral dissertation among those defended in the period 1987-1990.

### **Committees and administrative duties**

2019            **Chairman** of the *8<sup>th</sup> Italian Conference of Econometrics and Empirical Economics* – Lecce, Jan. 24-26 2019.

Since 2008    I contributed to the design and the establishment of FBK-IRVAPP, a Research Institute for the Evaluation of Public Policies operating in Trento. Currently, I am Senior Researcher at the Institute. As of Jan. 2019, the Institute research staff consists of 9 junior and 5 senior members, plus some PhD students working on research projects related to the mission of the Institute. FBK-IRVAPP regularly provides impact evaluations of policies adopted by the *Provincia Autonoma di Trento* in the fields of labour, welfare, education and incentive to firms. The Institute also evaluated a World Bank development project in Nigeria. In recent years, the Institute, together with other partners, took part in competitive calls issued by the European Commission and was awarded five grants.

2013-2014    **Member** of the **Scientific Committee** on the monitoring and evaluation of labour market policies - Italian Ministry of Labour.

2009-2013    **Member** of the *Senato Accademico* at the University of Padova.

2009-2011    **Dean** of the School of Economics and Business Administration at the University of Padova.

2000-2002    **Member** of the **Steering Committee** on the use of Social Security data in official statistics – Italian National Institute of Statistics (Istat).

2000-2001    **Member** of the **Commission for Inquiry on Social Exclusion** - Italian Prime Minister Cabinet.

2000            **Member** of the *Commissione di Garanzia sull'Informazione Statistica*, panel on official statistics on participation at work, earnings and labour cost.

1996            Report to the **Commission for Inquiry on Social Exclusion** - Italian Prime Minister Cabinet: on the relationship between participation at work and poverty.

### **List of main publications**

‘Are Vocational Training Programmes Worth Their Cost? Evidence from a Cost-Benefit Analysis’, *Politica Economica*, XXXIV, 3, pp. 215-240, 2018 (with M. Bazzoli, S. De Poli, A. Schizzerotto).

‘The use of administrative data to evaluate the impact of active labor market policies: the case of the Italian *Liste di Mobilità*’, in Crato N. and P. Paruolo (eds), ‘Data-Driven policy impact evaluation. How access to microdata is transforming policy design’, Springer, 2018 (with U. Trivellato).

'IC technology and learning. An impact evaluation of Cl@ssi2.o', *Education Economics* (First online: 26 Nov. 2018; DOI: 10.1080/09645292.2018.1549654) 2018 (with D. Checchi and S. Girardi).

'Overconfident people are more exposed to "black swan" events: A case study of avalanche risk', *Empirical Economics* (First Online: 22 June 2018; DOI: 10.1007/s00181-018-1489-5), 2018 (with N. Bonini, S. Pighin, L. Savadori, F. Schena, S. Tonini, P. Tosi).

'Procedures vs. incentives: the university promotion system in Italy', *Education Economics*, 26:3, pp. 213-232, 2018 (with L. Rocco and C. Dal Maso).

'College cost and time to complete a degree: evidence from tuition discontinuities', *The Review of Economics and Statistics*, 94:3, pp. 699-711, 2012 (with P. Garibaldi, F. Giavazzi and A. Ichino).

'The retirement consumption puzzle: evidence from a regression discontinuity approach', *The American Economic Review*, 99:5, pp. 2209-2226, 2009 (with E. Battistin, A. Brugiavini and G. Weber).

'Gli effetti dell'attrito sulla stima della disuguaglianza in Italia', in A. Brandolini, C. Saraceno, A. Schizzerotto (eds.), *Dimensioni della disuguaglianza in Italia: povertà, salute, abitazione*, Il Mulino, 2009 (with F. Biagi and A. Giraldo; in Italian).

'The effect of a longer eligibility to a labour market programme for dismissed workers', *Labour*, 23(1), pp. 37-66, 2009 (with A. Paggiaro and U. Trivellato).

'Ineligibles and eligible non participants as a double comparison group in a regression discontinuity design', *Journal of Econometrics*, 142, 2, pp. 611-850, 2008 (with Erich Battistin).

'Risk sharing in supplier relations: an agency model for the Italian air conditioning industry', *Strategic Management Journal*, 28, pp. 1257-1266, 2007 (with A. Camuffo e A. Furlan).

'Choosing between alternative classification criteria to measure the labour force state', *The Journal of the Royal Statistical Society, Series A*, 170, pp. 5-27, 2007 (with E. Battistin and U. Trivellato).

'Gli episodi di povertà causano ulteriori episodi di povertà? Evidenze dal panel sui bilanci delle famiglie della Banca d'Italia', in A. Brandolini, C. Saraceno (eds.), *Povertà e benessere. Una geografia delle disuguaglianze in Italia*, 2007 (with A. Giraldo and U. Trivellato; in Italian).

'Are judges biased by labor market conditions?', *The European Economic Review*, 47, 5, pp. 913-944, 2003 (with A. Ichino and M. Polo).

'Measuring the impact of the Italian CFL programme on the job opportunities for the youths', in E. Fornero, O. Castellino (eds.), *Pension Policy in an Integrating Europe*, Edward Elgar, 2003 (with B. Contini, F. Cornaglia and C. Malpede).

'La valutazione delle politiche del lavoro in presenza di selezione: migliorare la teoria, i metodi o i dati?', *Politica Economica*, 3, pp. 301-342, 2003 (with A. Martini and U. Trivellato; in Italian).

'Testing for programme effects in a regression discontinuity design with imperfect compliance', *The Journal of the Royal Statistical Society, Series A*, 165, pp. 39-57, 2002 (with E. Battistin).

'Why do subsidised firms survive longer? An evaluation of a program promoting youth entrepreneurship in Italy', in M. Lechner, F. Pfeiffer (eds.), *Econometric Evaluation of Active Labour Market Policies*, Physica/Springer-Verlag, Heidelberg, 2001 (with E. Battistin and A. Gavosto).

'Come disegnare e valutare politiche attive del lavoro', *il Mulino*, 48, pp. 891-904, 1999 (with U. Trivellato; in Italian).

'Unemployment and search for work: exploratory analyses of labour market attachment and its dynamics', *Labour*, 7(3), pp. 133-159, 1993 (with N. Torelli and U. Trivellato).

'Institutional constraints on the working week length, fixed costs and female labour supply', *Statistica*, 53(3), pp. 369-389, 1993.

'A Double-Hurdle labour supply model with fallible indicators of labour force state', *Statistica*, 53(3), pp. 341-367, 1993 (with U. Trivellato).

'Preliminary data errors and their impact on the forecast error of simultaneous-equations models', *Journal of Business & Economic Statistics*, 4(4), pp. 445-453, 1986, (with U. Trivellato).

'Provisional and revised estimates of Italian national accounts aggregates at current prices', *Statistica*, 1984, 44(4), pp. 649-673, (with T. Di Fonzo and U. Trivellato; in Italian).

### **Work in progress**

The Impact of Traineeships on the Employment of the Mentally Ill: The Role of Partial Compliance (with A. Martini and G. Barbetta; submitted),  
[https://www.econstor.eu/bitstream/10419/155279/1/GLO\\_DP\\_0017.pdf](https://www.econstor.eu/bitstream/10419/155279/1/GLO_DP_0017.pdf)

'The effect of scholarships on university drop out: evidence from the Italian case', *Temi di Discussione – Banca d'Italia* (with F. Modena and G.M. Tanzi; submitted).

'The chips are down: The Influence of Family on Children's Trust Formation' (with C. Giulietti and S. Tonini; submitted),

[http://www.diw.de/documents/publikationen/73/diw\\_01.c.541640.de/diw\\_spo856.pdf](http://www.diw.de/documents/publikationen/73/diw_01.c.541640.de/diw_spo856.pdf)

Latent structures and quantiles of the treatment effect distribution (with E. Battistin and C. Lamarche)

'On the perils of stacking thresholds in RD design' (with M. Fort, A. Ichino and G. Zanella).

'What do we learn from Students Evaluation of Teaching?' (with M. Bertoni and L. Rocco).

'The short-term occupational outcome of a temp contract: a quasi-experiment with Italian LFS data' (with D. Piazzalunga)

**Conferences/seminars** (last five years)

May 6, 2014: IZA (Bonn), seminar

May 20, 2014: University of Potsdam, seminar

June 4, 2014: University of Munster, seminar

June 26, 2014: IZA (Bonn), seminar

Nov. 26-28, 2014: Counterfactual Methods for Policy Impact Evaluation - Roma, conference

Apr. 28, 2015: JRC-CRIE (Ispra), seminar

Oct. 29-30, 2015: Regional Workshop on Counterfactual Impact Evaluation Methods - JRC-CRIE, Dublin

Ago. 22-26, 2016: Econometric Society European Meeting – Ginevra, conference

Sept. 26-28, 2016: Séminaire TAIEX sur l'évaluation des politiques publiques - European Commission, Tunisi

Oct. 20-21, 2016: Counterfactual Methods for Policy Impact Evaluation – Milano, conference

Nov. 17-18, 2016: JRC-CRIE (Ispra), seminar

Apr. 6, 2017: University of Torino, seminar

Jun. 21, 2017: CESifo (Munich), seminar

Dec. 18, 2017: University of Bolzano, seminar

Jan. 14-16, 2018: Ski&Labor Seminar, Landeck

Feb. 13, 2018: University of Bologna, seminar

Apr. 11-13, 2018: 1<sup>st</sup> European causal inference meeting - Firenze

May 14, 2018: University of Southern Denmark, seminar

Jun. 13-15, 2018: Meeting of the Community of Practice on Counterfactual Impact Evaluation of ESF interventions - JRC-CRIE and DG EMP, Athens

Sept. 26-28, 2018: Counterfactual Methods for Policy Impact Evaluation – Berlin, conference

Trento - July 24, 2019