GIANNI AMISANO'S CV in brief (August 2009)

Birth date: Alessandria, 29-June-1963
Married to Anne Patricia McNamara. Father of Sean Matteo (born on the 11th of July 2001) and Chiara Aislinn Sofia (born on the 10th of September 2002).

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Current occupation: Senior Economist, DG- Research/Monetary Policy Research, European Central Bank/ Professor of econometrics, University of Brescia, (on leave).

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Academic studies and career

March 1988: B.Sc. degree in Economics, University of Pavia, Italy, (with distinction).
July 1991: Master in Economics at the University of Warwick, England.
March 1993- January 2000: Lecturer in economics, Department of Economics, University of Brescia (with tenure since March 1996).
November 1994: Ph.D (dottorato) in economics, University of Pavia, Italy. Thesis title: "The Italian Monetary Market: Transmission Mechanisms and the rational Expectation Hypothesis in the Term Structure ". Supervisor: professor Carlo Giannini.
December 1995: Ph.D. in economics, University of Warwick. Thesis title: "Bayesian inference on non-stationary data". Supervisor: professor K.F. Wallis.
August-December 1996: visiting fellow at the Department of Economics, University of Minnesota.
July-August 1997: visiting fellow at the Department of Economics, University of Minnesota.
February 2000-June 2005: associate professor of econometrics, Department of Economics, University of Brescia
June-August 2000: visiting fellow, Department of Economics, University of Iowa.
June 2001: visiting fellow, Tinbergen Institute, University of Rotterdam, The Netherlands.
March-June 2004: visiting professor, Dept. of Economics, Boston College.
July-October 2005: research visitor, Monetary Policy Research Division; European Central Bank, Frankfurt
July 2005-: professor of econometrics, Department of Economics, University of Brescia, on leave from 01/01/2007.
June 2006: visiting fellow, Department of Economics, UCLA.
January 2007- : senior economist, Monetary Policy Research, European Central Bank.

Scholarships and awards

1982-1986: alumnus Collegio Ghislieri, Pavia.
1989: ALEP B.Sc. dissertation price, University of Pavia
1990-91: "Marco Fanno" scholarship for postgraduate studies, awarded by Mediocredito Centrale

Teaching activity

1990-1992: Tutorial fellow at the University of Warwick (Quantitative Methods)

1993-:Teaching modules of graduate courses of Microeconomics, Macroeconomics, and Econometrics at the Universities of Brescia and Pavia.
1996-1997: Teaching the microeconomics course (economics 1) for first year undergraduates.
September 1997: Intensive course on BVAR modelling for macroeconomic forecasting organised by the Research Unit of the Bank of Italy (joint with M.Serati).
1998-:Teaching econometrics course for third year undergraduates.
1997-1999:Teaching economics course for first year undergraduates, Faculty of Law, University of Brescia.
1998-2000: teaching the econometrics course at the Master in Economics and International Finance of the Catholic University of Milan.
2000-2001: teaching the econometrics course (Econometrics I) at the CORIPE Master in Finance, Turin
2000/2001: Teaching the course of microeconomics (economics 1) for first year undergraduates
2001: teaching advanced econometrics in the Ph.D. in economics programme, University of Milan.
2002-2007: teaching Econometrics of the financial markets to III year undergraduates, University of Brescia
2002-2006: teaching Basic Econometrics and Financial Econometrics at the MMF (Master in Moneta e Finanza), University of Brescia
March 2004: teaching a module on Structural VARs in the Ph.D. Program, Boston College.
January-February 2006: module (Introduction to Bayesian Econometrics, joint with N. Polson) in Ph.D. Programme, Bocconi University, Milan.
April-May 2006: teaching the course of Finanza delle Assicurazioni e della Previdenza, University of Brescia
November-December 2006: teaching the course of Autorità Monetarie, Mercati e Tassi di Interesse, University of Brescia
April 2008: teaching a course in Bayesian estimation of DSGE models, Institute for Advanced Studies, Vienna.
June 2009: teaching a course in Bayesian estimation, European Central Bank.

Main research interests

Bayesian inferential techniques.
Financial time series models.
Structural VAR models.
Markov Normal Mixture models and their applications.
Macroeconometric forecasting models.
Time varying parameter models.
Panel data.
Estimation of DSGE models

Referee activity

Canadian Ministry of Education, Computational Statistics and Data Analysis, Econometric Reviews, Econometric Theory, ECB working paper series, European Economic Review, European Journal of Finance, International Economic Review, International Journal of Central Banking, International Journal of Forecasting, Journal of Applied Econometrics, Journal of Applied Statistics, Journal of Business and Economic Statistics, Journal of Computational Statistics and Data Analysis, Journal of Econometrics, Journal of Economics, Journal of Economics and Statistics, Journal of Economic Dynamics and Control, Journal of Financial Econometrics, Journal of Forecasting, Journal of the Italian Statistical Society, Ministero Istruzione Università e Ricerca, Open Economies Review, Oxford Bulletin of Economics and Statistics, Politica Economica, Research in Economics, Review of Economic Dynamics, Review of Economic Studies, Rivista Italiana degli Economisti, Scottish Journal of Political Economy, Statistica, Statistical Methods and Applications.

Extra-academic activities

June 1986: IBM internship
August 1988-August 1989: Military service.
1995-1999 Consultant in the construction of forecasting models for various institutions (Banca d' Italia, Credito Italiano, Prometeia, RASFIN).
February 2002-February 2003: consultant of the Ministero dell'Economia (Dipartimento delle Politiche di Sviluppo e Coesione), on the construction of leading indicators of regional capital account expenditures.
2005: Consultant, ECB.

Selected conference and seminar presentations

University of Warwick (1991, 1992).
University of Florence (1993. 1997).Catholic University, Milan 1993, 1996, 2001.
University of Brescia, 1994, 1995,1996, 1999, 2000, 2001, 2003.
University of Pavia, 1994, 1995,2002.
Winter meeting Econometric Society, Gerzensee,1995, London 2000.
IGIER Colloquia on economic research (1996).
University of Minnesota, 1996.
Bank of Italy, 1996,1997.
CIDE-Bank of Italy Conference on Economic Policy, 1997,1999.
University of Venice-GRETA 1997.
European Central Bank 1999.
European Conference of the Econometric Community, Dublin 2000.
University of Turin, 2001.
Ente Einaudi, Rome, 2001, 2004.
University of Glasgow, 2002.
European Central Bank 2005.
EABCN 2006, Zurich.
CEF 2006, Cyprus
CEF 2007, Montreal
ESEM-EEA 2007 Budapest
EABCN 2007, Zurich.
University of Palermo, 2008.
University of Warwick 2008
Institute for Advanced Studies, Vienna, 2008.
University of Chicago, 2008.
SoFiE Founding conference, NYU, Stern, 2008.
Dublin, Central Bank of Ireland, 2008.
Igier-Bocconi, 2008.
Bank of Norway, 2008.
Society for Nonlinear Dynamics and Econometrics, Atlanta, GA, 2009.
Econometric Society North American Summer meeting, Boston University, 2009.

Languages

Italian, English, German (basic).

Published work

(A) Refereed publications

1) "Bayesian Analysis of Integration at Different Frequencies in Quarterly Data" *Warwick Economic Research Papers* no.426, 1994, appeared on *Giornale degli Economisti e Annali dell'Economia*, July-September 1995, pp. 303-341.
2) "Tecniche BVAR per la costruzione di modelli previsivi mensili e trimestrali", (BVAR techniques for the construction of quarterly and monthly

forecasting models, with M. Serati and C. Giannini), *Temi di Discussione* n. 302, Banca d'Italia.

3) "The Transmission Mechanism Among Italian Interest rates" (with M. Cesura, C. Giannini and M. Seghelini), *Statistica*, LVIII,1997.1, pp. 25-50.
4) "Forecasting Cointegrated Series with BVAR models", (with M. Serati), *Journal of Forecasting*, 1999, 18, 7, 463-476.
5) "BVAR models and forecasting: a European quarterly model for the EMU-11" (with M. Serati), *Statistica*, 2002, LXII, n.1, 51-70.
6) "What goes up sometimes stays up: shocks and institutions as determinants of unemployment persistence " (joint with M. Serati), *Scottish Journal of Political Economy*, 2003, 50, 440-470.
7) "Bayesian Inference in Cointegrated Systems", *Research in Economics*, 2003, 57, 287-314.
8) "Profit Related Pay in Italy: a microeconometric analysis of the determinants in a sample of manufacturing companies" (joint with A. Del Boca), *International Journal of Manpower*, 2004, 5, 463-478.
9) "Comparing density forecasts via weighted likelihood ratio tests" (with R. Giacomini), *Journal of Business and Economic Statistics*, 2007, 25,2,177-190.
10) "Euro area inflation persistence in an estimated nonlinear DSGE model" (with O. Tristani), May 2007, ECB working paper n. 754 and CEPR working paper no 6373, forthcoming on the *Journal of Economic Dynamics and Control*.
11) "Hierarchical Markov Normal Mixture Models with Applications to Financial Asset Returns" (with J. Geweke), July 2007, ECB working paper 831, November 2007, forthcoming on *Journal of Applied Econometrics*, 2009.
12) "On the dynamics of equity mutual funds performances: a Bayesian perspective", with Roberto Savona, October 2007, ECB working paper no. 831, March 2008.
13) "Assessing ECB credibility during the first years of the Eurosystem: a Bayesian Empirical Investigation" (with M. Tronzano), forthcoming on *The Manchester School*, 2009.
14) “Comparing and evaluating Bayesian predictive distributions of asset returns” (with John Geweke), *ECB Working Paper no. 969* ,forthcoming on *International Journal of Forecasting*, 2009.
15) “Optimal prediction pools” (with John Geweke), *ECB Working Paper no*. 1017, 2009.
16) “A DSGE model of the term structure with regime shifts” (with Oreste Tristani), forthcoming on the *European Central Bank Working Paper Series*, May 2009.

(B) Other publications

1. "*Topics in Structural VAR Econometrics*" (with Carlo Giannini), 2nd Edition, February 1997, Springer, New York.
2. "Structural VAR analysis", "Menu 5 ", "Guided tour #3", "Structural VAR analysis routines"(with M. Seghelini), in R. Mosconi : "*MAximum Likelihood COintegration analysis of Linear Models. The theory and practice of cointegration in RATS*", December 1998, Cà Foscarina, Venice.
3. "EU-11: un modello previsivo trimestrale", (with C. Giannini, P. Guida, E. Lizzoli, M. Serati, L. Stanca), *Collana Studi del Credito Italiano*, n.8, 1999.
4. "Le tendenze della domanda e dell'offerta di lavoro" (with C. Trecroci), in E.Marelli, G. Tosini (eds.):*Trasformazioni e tendenze del mercato del lavoro in provincia di Brescia*, Quaderni di Brescia&Impresa, 2002, 49-80.
5. "Effetti aggregati della tassazione sul mercato del lavoro: un’analisi econometrica (with M. Serati), in E. Bonzani, R.Levaggi, P. Panteghini (eds.)(2003):"*Temi di fiscalità internazionale*", Franco Angeli, 59-75.
6. "Unemployment persistence in Italy. An econometric analysis with multivariate time varying parameter models", (with M. Serati), *Le basi quantitative della politica economica*, CIDE-Bank of Italy Conference, 2003, 127-169.
7. *“Elementi di econometria”*, Edumond, Mondadori, Milano 2004.

8. "Alternative Time-Varying Parameter Specifications for Bayesian VAR Models" (with L. Federico), in Mazzoli, M. and F. Arcelli (eds.): *Atti della Prima Lezione "Mario Arcelli"*, Rubbettino, December 2005, pp. 13-65.
9. "Aspetti congiunturali e previsioni di lungo periodo", capitolo 3, in Feliziani D., E. Marelli, M. Regini, M. Samek Ludovici, R. Semenza (eds): *Trasformazioni e Tendenze del Mercato del Lavoro in Provincia di Varese* , Franco Angeli, Milano, 2006, pp. 96-116.
10. "La valutazione econometrica del rischio di default su un campione di imprese bresciane" with Raffaele Miniaci, published in .P. Panteghini and C. Teodori (*eds*.) L'impatto di Basilea II sulle imprese Bresciane, CCIA di Brescia, January 2007.
11. "Particle Filters for Markov Switching Stochastic Correlation Models" (with R. Casarin), *Proceedings of the SIS 2007 Intermediate Conference "Risk and Prediction"*, Venice, June 2007, Cleup, Padua, 305-316.

Under revision for refereed journals (revise and resubmit)

1. "An Application of the Bayesian Panel Probit Model: Entry in Pharmaceutical Submarkets: a Bayesian panel probit analysis" (with L. Giorgetti), revise and resubmit from *Journal of Applied Econometrics*, resubmitted April 2009.

Submitted work

1. "Optimal prediction pools" (with John Geweke), submitted, 2008.
2. "EMU and the adjustment to asymmetric shocks: the case of Italy" (with N. Giammarioli and L. Stracca), submitted to the *ECB Working Papers Series*, 2009.
3. "Entry in Pharmaceutical submarkets: the role of submarket concentration" (with L. Giorgetti), submitted, 2009.
4. "On the dynamics of equity mutual funds performances: a Bayesian perspective", with Roberto Savona, submitted, 2009.
5. "Money leads inflation regime changes" (with G. Fagan), submitted, August 2009.

Work in progress

1. *Structural VAR econometrics,* in preparation for Springer Verlag.
2. "Solving DSGE Models with Non-normal Shocks Using a Second-order Approximation to the Policy Function", with O. Tristani, presented at CEF conference, Montreal, June 2007.
3. "Simulation based filtering for nonlinear DSGE models: problems and solutions", with O. Tristani, presented at CEF conference, Montreal, June 2007.
4. "Bayesian factor time varying VARs", with G. Primiceri and A. Justiniano.
5. "Large Bayesian time varying VARs", with D. Giannone and M. Lenza.
6. "Multivariate Early warning Markov Switching models", with D. Bragoli and G. Fagan.

Unpublished old work

1. "*The Italian Monetary Market: Transmission Mechanisms and the Rational Expectation Hypothesis in the Term Structure* ", Ph.D. thesis, University of Pavia, February 1994.
2. "*Bayesian Inference on non-stationary data*", Ph. D. Thesis, Department of economics, University of Warwick, December 1995.