**CURRICULUM VITAE**

**NOME**: **Claudio Morana**

**NAZIONALITA'**: Italiana

**INDIRIZZO**:
Università degli Studi di Milano-Bicocca
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**QUALIFICHE ACCADEMICHE:**
**- 2014-2020 Abilitazione Scientifica Nazionale (ASN) SECS-P05, Econometria, Prima Fascia**
- 1997 (novembre) PhD Economics (University of Aberdeen), Scottish Doctoral Programme in Economics.
- 1995 (dicembre) MSc Economics (University of Glasgow), Scottish Doctoral Programme in Economics.
- 1993 (luglio) Laurea in Economia e Commercio (Università di Torino).

**BORSE DI STUDIO:**
- 2006 (settembre) -2007 (marzo) Fulbright Research Scholarship
- 1997 (aprile-novembre) Research Fellowships, International Center for Economic Research, Torino.
- AA1993-1994 Borsa di Studio, Fondazione Luigi Einaudi, Torino.

**ESPERIENZE DI LAVORO:**
**- 2014 (Giugno): Professore Ordinario (SECS-P/01 – Economia Politica), Dipartimento di Economia, Metodi Quantitativi e Strategie di Impresa, Università di Milano-Bicocca.**

**CORSI IN AFFIDAMENTO:**
**- A.A. 2017-2018**
Macroeconomia (63 ore, laurea triennale, Università di Milano - Bicocca)
Econometrics (56 ore, laurea magistrale, Università di Milano - Bicocca)

- A.A. 2016-2017
Macroeconomia (63 ore, laurea triennale, Università di Milano - Bicocca)
Econometrics (56 ore, laurea magistrale, Università di Milano - Bicocca)
- A.A. 2015-2016
Macroeconomia (63 ore, laurea triennale, Università di Milano - Bicocca)
Econometrics (56 ore, laurea magistrale, Università di Milano - Bicocca)
- A.A. 2014-2015
Macroeconomia (63 ore, laurea triennale, Università di Milano - Bicocca)
Econometrics (56 ore, laurea magistrale, Università di Milano - Bicocca)

**- 2011 (Giugno) - 2014 (maggio): Professore Straordinario (SECS-P/01 – Economia Politica), Dipartimento di Economia, Metodi Quantitativi e Strategie di Impresa, Università di Milano-Bicocca.**

CORSI IN AFFIDAMENTO:
- A.A. 2013-2014
Macroeconomia (72 ore, laurea triennale, Università di Milano - Bicocca)
Econometrics (64 ore, laurea magistrale, Università di Milano - Bicocca)

Econometrics (15 ore, PhD in Public Economics, DEFAP, Graduate School of Public Economics, Università Cattolica di Milano e Università di Milano - Bicocca).

- A.A. 2012-2013
Macroeconomia (72 ore, laurea triennale, Università di Milano - Bicocca)
Econometrics (64 ore, laurea magistrale, Università di Milano - Bicocca)
Econometrics (18 ore, PhD in Public Economics, DEFAP, Graduate School of Public Economics, Università Cattolica di Milano e Università di Milano - Bicocca).

- A.A. 2011-2012
Economia Politica (72 ore, laurea triennale, Università di Milano - Bicocca)
Econometrics (64 ore, laurea magistrale, Università di Milano - Bicocca)
- 2004(dicembre)-2011(Maggio): Professore Associato confermato (SECS-P/01 – Economia Politica), Facoltà di Economia, Università del Piemonte Orientale (Novara).

CORSI IN AFFIDAMENTO:
- A.A. 2010-2011
Economia Politica (80 ore, laurea triennale, Novara)
Econometria (64 ore, laurea triennale e magistrale, Novara)
Introductory Financial Ecomometrics (48 ore, laurea triennale, Universita' Bocconi, Milano)
Special Topics in Macroeconomics (Applied Macroeconometrics) (20 ore, MSc/PhD in Economics, Kyushu University, Fukuoka, Giappone).
- A.A. 2009-2010
Economia Politica (80 ore, laurea triennale, Novara)
Econometria I+II (64 ore, laurea triennale e magistrale, Novara)
Introductory Financial Ecomometrics (48 ore, laurea triennale, Universita' Bocconi, Milano)
Econometria dei mercati finanziari (24 ore, corso di Master, Novara)
Modelli di Previsione Macroeconomica (14 ore, corso di Master, Novara)
Econometrics (Time Series, 20 ore, corso di Dottorato, Collegio Carlo Alberto, Torino)
- A.A. 2008-2009
Economia Politica (80 ore, laurea triennale, Novara)
Econometria I+II (64 ore, laurea triennale e magistrale, Novara)
Econometria dei mercati finanziari (24 ore, corso di Master, Novara)
Modelli di Previsione Macroeconomica (14 ore, corso di Master, Novara)
- A.A. 2007-2008
Economia Politica (64 ore, laurea triennale, Novara)
Econometria I+II (64 ore, laurea triennale e magistrale, Novara)
Eonometria dei mercati finanziari (36 ore, corso di Master, Novara)
Modelli di Previsione Macroeconomica (14 ore, corso di Master, Novara)
- A.A. 2006-2007
Economia Politica (64 ore, laurea triennale, Novara)
Econometria I+II (64 ore, laurea triennale e magistrale, Novara)
Econometria dei mercati finanziari (36 ore, corso di Master, Novara)
- A.A. 2005-2006
Economia Politica (64 ore, laurea triennale, Novara)
Economia Politica (64 ore, laurea triennale, Casale Monferrato)
Econometria I+II (64 ore, laurea triennale e magistrale, Novara)
Econometria dei mercati finanziari (36 ore, corso di Master, Novara)
Financial Economics (16 ore, corso di Dottorato, Collegio Carlo Alberto, Torino)
- A.A. 2004-2005
Economia Politica (64 ore, laurea triennale, Novara)
Economia Politica + Esercitazioni di Economia Politica (64 ore, laurea triennale, Casale Monf.)
Econometria (64 ore, laurea quadriennale, Novara)
Econometria dei mercati finanziari (36 ore, corso di Master, Novara)
Macroeconometria Applicata (4 ore, corso di Dottorato, Collegio Carlo Alberto, Torino)

- 2000 (ottobre) – 2004 (dicembre) Ricercatore confermato (SECS-P/01 – Economia Politica), Facoltà di Economia, Università del Piemonte Orientale (Novara).

CORSI IN AFFIDAMENTO:
- A.A. 2003-2004
Economia Politica (60 ore, Casale Monferrato)
Economia Politica II/cp (40 ore, Novara)
Macroeconometria Applicata (4 ore, corso di Dottorato, Torino)
Econometria dei mercati finanziari (37 ore, corso di Master, Novara)
Econometria (60 ore, Novara)

- A.A. 2002-2003
Economia Politica (60 ore, Novara)
Economia Politica (30 ore, Casale Monferrato)
- A.A. 2001-2002
Economia Politica (60 ore, Novara)
Economia Politica II/cp (30 ore, Novara)
- A.A. 2000-2001
Economia Politica I (60 ore, Novara)
Econometria (60 ore, Novara)

- 2000 (maggio-settembre) Assegnista di Ricerca, Dipartimento di Scienze Economiche e Finanziarie G. Prato, Facoltà di Economia, Università di Torino.
- AA1999-2000 Professore di Econometria a Contratto, Università del Piemonte Orientale (Novara).
- 1999 (gennaio-agosto) Lecturer in Economics, University of Aberdeen.
- AA1998-1999 Professore di Econometria a Contratto, Università del Piemonte Orientale (Novara).
- 1998 (gennaio-dicembre) Lecturer in Economics, Heriot-Watt University (Edimburgo).
- AA 1997-1998 Professore di Econometria a Contratto, Università di Torino, Seconda Facoltà di Economia (Novara).
- 1997 (100 ore) Esercitatore (Macroeconomia), Università di Torino, Facoltà di Economia
- 1996-1997 Tutor in Statistica Matematica, Econometria e Econometria Applicata, CORIPE Master Programme in Economics, Torino.
- 1994 (settembre) - 1995 (agosto) Research Assistant, Department of Economics, University of Aberdeen.
- 1992-1993 (60 ore) Tutor in Macroeconomia, Università di Torino, Facoltà di Economia.

**SUPERVISIONE DI TESI DI DOTTORATO:**
Corrado Macchiarelli (Dottorato di Economia, Università di Torino), ora alla London School of Economics.
Alessandro Cavallero (Dottorato di Economia, Università di Torino), ora alla Banca d'Italia.

**PARTECIPAZIONE A ORGANI DIRETTIVI DI CENTRI DI ASSOCIAZIONI DI RICERCA:**
- 2018 - Center for European Studies (CEfES-Milan), Vice Direttore.
- 2011-2017 Society for Nonlinear Dynamics and Econometrics, Membro del Comitato Esecutivo.

**PARTECIPAZIONE A COMITATI SCIENTIFICI:**
- 12th International Conference on Computational and Financial Econometrics, University of Pisa, 16-18 Dicembre 2018. Membro del Comitato Scientifico.
-2018 World Finance and Banking Symposium, Asia University, Taichung 13-14 Dicembre 2017. Membro del Comitato del Programma del Convegno.
- 2018 World Finance Conference, University of Technology Mauritius, Mauritus, 24-25 Luglio 2018. Membro del Comitato del Programma del Convegno.

- 1st Italian Workshop of Econometrics and Empirical Economics: Panel Data Models and Applications, Università di Milano-Bicocca, 25-26 Gennaio 2018 (Organizzatore locale).
- The XIX Workshop on Quantitative Finance (QFW2018), Università di Roma Tre, 24-26 Gennaio 2018. Membro del Comitato Scientifico.
- 11th International Conference on Computational and Financial Econometrics, University College of London, 16-18 Dicembre 2017. Membro del Comitato Scientifico.
-2017 World Finance and Banking Symposium, Nida Business School, Bangkok, 14-16 Dicembre 2017. Membro del Comitato del Programma del Convegno.
-4th Conference of the Society for Economic Measurement: Sloan School of Management, MIT, Cambridge, MA, 26-28 luglio, 2017. Membro del Comitato del Programma del Convegno.
- Society for Nonlinear Dynamics and Econometrics 25th Annual Symposium: ESSEC Business School, Parigi 30-31 Marzo 2017.
-7th World Finance Conference, University of Cagliari, 26-28 Luglio 2017. Membro del Comitato del Programma del Convegno.
- XVIII Workshop on Quantitative Finance, Università di Milano-Bicocca, Milano, 25-27 Gennaio 2017. Co-organizzatore e Membro del Comitato Scientifico.
-2016 World Finance and Banking Symposium, Dubai, 15-16 June 2016. Membro del Comitato del Programma del Convegno.
-6th World Finance Conference, New York, 29-31 Luglio 2016. Membro del Comitato di Selezione dei Contributi Scientifici.
-3rd Conference of the International Association for Applied Econometrics, Università di Milano-Bicocca, Milano, 22-24 Giugno 2016 (organizzatore locale del convegno).
- Society for Nonlinear Dynamics and Econometrics 24th Annual Symposium, Università dell'Alabama, Tuscaloosa, 10-11 Marzo 2016
- Conference on large–scale crises: 1929 vs 2008, Università Politecnica delle Marche, Ancona, 17-19 Dicembre 2015 (organizzatore della sessione speciale RAstaNEWS-Great Recession and macro-financial imbalances in the Euro Area).
- 2015 World Finance & Banking Symposium, Hanoi, 18-19 Dicembre 2015 (organizzatore della sessione speciale RAstaNEWS-Financial Distress and Economic Recession).
- 47th Money, Macro and Finance Annual Conference, Università di Cardiff, Cardiff, 9-11 Settembre 2015 (organizzatore della sessione speciale RAstaNEWS-Great Recession).
- 6th World Finance Conference, University of Cema, Buenos Aires, 22-24 July 2015 (organizzatore della sessione speciale RAstaNEWS-Bankruptcy and Financial Distress).
- 2nd International Conference of the Society for Economic Measurement, OCSE Parigi, 22-24 luglio 2015 (organizzatore delle sessioni speciali RAstaNEWS: Macro-financial Imbalances in the Euro Area e Macro-Financial Stress Assessment).
-11th BMRC-DEMS Conference on Macro and Financial Economics, Brunel University, Londra, 18-19 Maggio 2015 (organizzatore esterno; organizzatore della sessione speciale RAstaNEWS).
- Society for Nonlinear Dynamics and Econometrics 23rd Annual Symposium, BI Norwegian Business School, 19-20 Marzo 2015 (organizzatore delle sessioni speciali RAstaNEWS: Macro-Financial Risk e Multivariate Time Series Models).
-46th Money, Macro and Finance Conference, Durham University, Durham, 17-19 Settembre 2014 (organizzatore della sessione speciale RAstaNEWS-Macro-financial risk).
-5th World Finance Conference, Università di Venezia Cà Foscari, Venezia, 2-4 Luglio (organizzatore della sessione speciale RAstaNEWS-Macroeconomic and Financial Risk).
-1st Conference of the International Association for Applied Econometrics, Queen Mary University, Londra, 26-28 Giugno 2014 (organizzatore della sessione speciale RAstaNEWS-Macroeconomic and Financial Risk).
-10th BMRC-DEMS Conference on Macro and Financial Economics, Brunel University, Londra, 28-30 Maggio 2014 (organizzatore esterno; organizzatore della sessione special RAstaNEWS).
- 2014 Society for Nonlinear Dynamics and Econometrics 22nd Annual Symposium, Baruch College - The City University of New York (CUNY), New York, 17-18 Aprile 2014 (organizzatore delle sessioni speciali RAstaNEWS: Macroeconomic and Financial Risk, Exchange Rates and Empirical Macroeconomics).
-45th Money, Macro and Finance Conference, Queen Mary University, London, 11-13 September (organizzatore della sessione special RAstaNEWS-Financial Crises).

-8th BMRC-QASS Conference on Macro and Financial Economics, Brunel University, Londra, 24 Maggio 2013 (membro del comitato organizzatore).
- 2013 Society for Nonlinear Dynamics and Econometrics 21th Annual Symposium (anche organizzatore locale del convegno).
- 2012 Society for Nonlinear Dynamics and Econometrics 20th Annual Symposium (membro del comitato esecutivo).
- 2011 Society for Nonlinear Dynamics and Econometrics 19th Annual Symposium (membro del comitato esecutivo).
- 2010 Society for Nonlinear Dynamics and Econometrics 18th Annual Symposium (anche organizzatore locale del convegno).
- 2009 Society for Nonlinear Dynamics and Econometrics 17th Annual Symposium.

**INCARICHI ISTITUZIONALI:**

**In corso**
- 2018- Responsabile Accertamento della Qualità del Diparimento DEMS
- 2018- Membro del Collegio Docenti del Dottorato in Economia e Statistica (Università di Milano-Bicocca).
- 2017- Presidente Commissione Lauree ECOFIN
- 2014- Membro del Presidio di Qualità d'Ateneo.
- 2013- Presidente della Commissione Dipartimentale per la Valutazione della Ricerca.
- 2012- Responsabile della Collana dei Working Paper DEMS/SSRN.
- 2012- Membro del Consiglio di Coordinamento Didattico del Corso di Scienze Economico-Finanziarie (ECOBAN/ECOFIN) e del Corso di Scienze Economiche (ECOCOM/ECOECO).

**Svolti**
- 2018 Membro della Commissione d'Esame di Dottorato in Economia Politica (PhD in Economics), Università di Milano.
- 2017 Membro della Commissione d'Esame di Dottorato in Economia Politica (PhD in Economics), Collegio Carlo Alberto, Università di Torino.
- 2017-2018 Membro della Commissione ASN, Settore Concorsuale SECS-P05, Econometria.
- 2016 Revisore per la valutazione di pubblicazioni conferite dalle Istituzioni (VQR 2011-2014).
- 2016 Referee per il Carnegie Trust for the Universities of Scotland.
- 2016 Membro della Commissione di Selezione per la Procedura Selettiva per la copertura di 1 posto di professore di seconda fascia per il settore concorsuale 13/A1 – settore scientifico-disciplinare SECSP/01 – ECONOMIA POLITICA- presso il Dipartimento di Scienze Economico-Sociali e Matematico-Statistiche, Università di Torino.
- 2016 Membro della Commissione d'Esame di Dottorato in Economia Politica (PhD in Economics), Collegio Carlo Alberto, Università di Torino.
- 2015 Valutatore Esterno: Progetti di Ricerca, United Arab Emirates University.
- 2015 Membro della Commissione di Selezione per la Procedura Valutativa per la copertura di 1 posto di professore di seconda fascia per il settore concorsuale 13/A1 – settore scientifico-disciplinare SECSP/01 – ECONOMIA POLITICA- presso il Dipartimento di Scienze Politiche e Sociali, Università di Pavia.
- 2015 Membro della Commissione di Selezione per la Procedura Valutativa per la copertura di 1 posto di professore di seconda fascia per il settore concorsuale 13/A1 – settore scientifico-disciplinare SECSP/01 – ECONOMIA POLITICA- presso il Dipartimento di Economia, Scienze Sociali e Matematico-Stitistiche dell'Università di Torino.
- 2015 Valutatore esterno: Commissione di valutazione dei progetti di ricerca (Assegni di Ricerca), Università della Calabria.
- 2014 Valutatore Esterno: Progetti di Ricerca, Hong-Kong Research Grants Council.
- 2014 Valutatore Esterno: Progetti di Ricerca d'Ateneno, Università di Padova.
- 2014 Membro della Commissione Trasferimenti per il Corso di Scienze Economico-Finanziarie (ECOBAN/ECOFIN).

- 2014 Presidente della Commissione di Selezione per la Procedura Valutativa per la copertura di 1 posto di professore di seconda fascia per il settore concorsuale 13/A1 – settore scientifico-disciplinare SECSP/01 – ECONOMIA POLITICA- presso il Dipartimento di Economia, Metodi Quantitativi e Strategie di Impresa.
- 2014 Membro della Commissione Selezione Lauree Triennali.
- 2013- 2018 Coordinatore aggiunto del Macroeconomics and Macro-Financial Econometrics Group, Graduate School in Public Economics DEFAP, Università di Milano-Bicocca & Università Cattolica del Sacro Cuore di Milano.
- 2013-2016 Membro dello Steering Committe del Progetto RAstaNEWS.
- 2013-2014 Membro dell'Osservatorio della Ricerca d'ateneo.
- 2013-2014 Membro della Commissione per il conferimento di Assegni di Ricerca.
- 2013 Membro della Commissione d'Esame di Dottorato in Economia Politica (PhD in Economics), Università Cattolica di Milano.
- 2012-2013 Segretario del Consiglio di Coordinamento Didattico del Corso di Scienze Economico-Finanziarie (ECOBAN/ECOFIN).
- 2012 Membro dell Commissione di Valutazione dell'Attività Scientifica dei Ricercatori a Tempo Determinato al Termine del Contratto Triennale presso l'Università Telematica e-Campus, Facoltà di Economia, Settori Scientifici Disciplinari SECS-P/12, SECS-P/11, SECS-P01.
- 2011-2017 Membro del Collegio Docenti del Dottorato in Economia Pubblica (DEFAP, Università Cattolica di Milano-Università di Milano-Bicocca).
- 2011-2012 Membro della Commissione Selezione Lauree Magistrali.
- 2011-2012 Segretario del Consiglio di Facoltà.
- 2011 Membro della Commissione Selezione Lauree Triennali.

**INCARICHI ISTITUZIONALI PRESSO L'UNIVERSITA' DEL PIEMONTE ORIENTALE:**
- A.A. 2010- 2011(maggio) Vice Direttore di Dipartimento.
- A.A. 2010- 2011(maggio) Membro della Giunta di Dipartimento.
- A.A. 2009- 2011(maggio) Membro della Commissione d'Ateneo per la Valutazione della Ricerca.
- A.A. 2003- 2008 Membro del Collegio dei Docenti, Dottorato in Scienze Economiche, Università di Torino
- A.A. 2007- 2011(maggio) Membro della Commissione Informatica; Presidente dal 2010.
- A.A. 2007(novembre)-2008(marzo) Vice Direttore di Dipartimento ad Interim
- A.A. 2004-2007 Membro della Commissione Didattica Paritetica
- A.A. 2001-2003 Membro della Commissione Orientamento

**AFFILIAZIONI A CENTRI DI RICERCA:**
- dal 2018: Vice Direttore del Center for European Studies (CEfES-Milano).
- dal 2016: Senior Fellow; Rimini Center for Economic Analysis (RCEA, Rimini)
- dal 2008: Ricercatore Esterno; Center for Research on Pensions and Welfare Policies (CeRP, Collegio Carlo Alberto, Torino)
- 2005-2013: Fellow; International Centre for Economic Research (ICER, Torino)
- 2010-2013: Fellow; Fondazione ENI Enrico Mattei (FEEM, Milano)

**ALTRE AFFILIAZIONI:**
- dal 2016: Italian Econometric Society (honorary member dal 2018)
- dal 2013: Society for Economic Measurement
- dal 2013: International Association for Applied Econometrics
- dal 2010: Computational and Financial Econometrics Network (CFE)
- dal 2006: Euro Area Business Cycle Network (EABCN)
- dal 2002: Society for Nonlinear Dynamics and Econometrics

**VISITING:**
- 2013 30 Settembre - 4 Ottobre, Department of Economics and Finance, City University of New York (New York, US).
- 2011 14-19 febbraio, Department of Economics, Kyushu University (Fukuoka, Giappone).

- 2010 24-26 agosto, Banca Centrale Europea, Directorate General Research, Financial Research Division.
- 2008 settembre - 2008 ottobre, Hawaii University, Department of Economics and East-West Center.
- 2006 settembre - 2007 marzo, Michigan State University (US), Department of Economics, Fulbright Research Scholar
- 2005 10-11 agosto, Banca Centrale Europea, Market Operation Division
- 2005 21-22 giugno, Banca Centrale Europea, Monetary Policy Strategy Division
- 2004 29 ottobre, Banca Centrale Europea, Monetary Policy Stance Division
- 2003 24-25 agosto, Banca Centrale Europea, Monetary Policy Strategy Division
- 2002 4-14 giugno, Banca Centrale Europea, Monetary Policy Stance Division
- 2001 maggio-giugno, Banca Centrale Europea, Monetary Policy Strategy Division
- 2000 gennaio-aprile, Banca Centrale Europea, Monetary Policy Strategy Division
- 1998 novembre, ICER, International Center for Economic Research
- 1998 agosto, Olsen and Associates, Zurich Switzerland
- 1997 aprile-novembre, ICER, International Center for Economic Research

**CORSI DI SPECIALIZZAZIONE:**

- Stochastic Programming and Financial Planning, Muenster Summer School, University of Muenster, Muenster, Germania, luglio 12-16, 1999.

**PARTECIPAZIONE A COMITATI EDITORIALI:**

- 2018- Member del Comitato Editoriale di Econometrics
- 2016 Membro del Comitato Editoriale di Heliyon
- 2014 Membro del Comitato Editoriale dell'Open Journal of Statistics
- 2014 Membro del Comitato Editoriale dell'Asia Pacific Journal of Mathematics

**CONSULENZE CON FINALITA' SCIENTIFICA E BORSE DI RICERCA:**

- 2010 - 2011 Fondazione ENI Enrico Mattei, Milano
- 2010 - 2011 Cerved Group – Centrale dei Bilanci, Torino
- 2008 - European Central Bank, Directorate General Research
- 2005 - European Central Bank, Monetary Policy Strategy Division
- 2004 - European Central Bank, Monetary Policy Stance Division
- 2003 - European Central Bank, Monetary Policy Stance Division
- 2003 - European Central Bank, Monetary Policy Strategy Division

**FONDI DI RICERCA D'ATENEO**

- Assegnazione Quota Competitiva 2016

**PARTECIPAZIONE A PROGETTI DI RICERCA DI INTERESSE INTERNAZIONALE**

- 2012-2015 CE7PQ: Valutazione del rischio macroeconomico e politiche di stabilizzazione nell'ambito di un nuovo sistema di indicatori preventivi (coordinatore locale). Coordinatore internazionale: P.Tirelli (Università di Milano-Bicocca);

**PARTECIPAZIONE A PROGETTI DI RICERCA DI INTERESSE NAZIONALE**

- 2009-2011 - PRIN: Fluttuazioni macroeconomiche, politica economica e prezzi delle attività. (coordinatore locale). Coordinatore nazionale: C.A. Favero (Universita' Bocconi).
- 2007-2009 - PRIN: Mercati finanziari, del credito e del lavoro in modelli ciclici per l'analisi delle politiche economiche. Teoria ed evidenza empirica. Coordinatore nazionale: C.A. Favero (Universita' Bocconi).
- 2005-2007 PRIN: Nuove direzioni nella modellazione teorica ed empirica dell'inflazione. Coordinatore nazionale: F.C. Bagliano (Universita' di Torino).

**PARTECIPAZIONE A PROGETTI DI RICERCA DI INTERESSE LOCALE**

- 2008 – Fondazione CRT: Innovazione tecnologica in finanza.

**REFEREE IN ATTIVITA' DI ASSEGNAZIONE DI FINANZIAMENTI ALLA RICERCA:**

- 2014 the Research Grants Council (RGC) of Hong Kong.

**REFEREE PER RIVISTE SCIENTIFICHE:**

Applications and Applied Mathematics, Applied Financial Economics, Applied Economics, Computational Statistics and Data Analysis, Computational Economics, Discrete Dynamics in Nature and Society, Economia Politica, Economics and Business Letters, Economic Modelling, Economic Inquiry, Economic Notes, Emerging Markets Finance and Trade, Empirica, Empirical Economics, Energy Economics, Eurasian Economic Review, European Central Bank Working Paper Series, European Economic Review, European Financial Management, European Journal of Physics – B- Interdisciplinary Physics, European Journal of Finance, European Journal of Operational Research, German Economic Review, Global Finance Journal, International Finance, International Journal of Forecasting, International Review of Economics and Finance, Japanese Economic Review, Japan and the World Economy, Journal of the American Statistical Association, Journal of Applied Econometrics, Journal of Applied Statistics, Journal of Asian Economics, Journal of Banking and Finance, Journal of Business and Economic Statistics, Journal of Economics and Business, Journal of Empirical Finance, Journal of Econometrics, Journal of Financial Econometrics, Journal of International Financial Markets Institutions and Money, Journal of International Money and Finance, Journal of Macroeconomics, Journal of Money Credit and Banking, Journal of Systems Science and Systems Engineering, , Journal of Statistical Computation and Simulation, Journal of the Japanese and International Economies, International Economics, , International Statistical Review, North American Journal of Economics and Finance, Open Journal of Statistics, Politica Economica, Portuguese Journal of Economics, Quantitative Finance, Regional Studies, Review of Middle East Economics and Finance, Rivista Internazionale di Scienze Sociali, Rivista Italiana degli Economisti, Statistical Methods and Applications, Studies in Non Linear Dynamics and Econometrics, The Manchester School, The Quarterly Review of Economics and Finance.

**SEMINARI:**

- Modelling Evolving Long-Run Relationships: An Application to the Italian Energy Market, Dundee University (luglio 1997), Heriot-Watt University (ottobre 1997).
- SuperExogeneity and Forecasting with High and Low Frequency Data, Aberdeen University (settembre 1998).
- Estimating Variance in the Foreign Exchange with High Frequency Data, Università di Torino (dicembre 1998), University of York (maggio 1999).
- Measuring Core Inflation in the Euro Area, European Central Bank (marzo 2000).
- Assessing Price Stability: a Cross Country Comparison, European Central Bank (aprile 2000).
- Money, Inflation, Output and the Stock Market in the Euro Area, European Central Bank (giugno 2001).
- Money, Inflation, Output and the Stock Market in the Euro Area, European Central Bank (luglio 2001).
- Common Persistent Factors in Inflation and Excess Nominal Money Growth and a New Measure of Core Inflation, European Central Bank (gennaio 2002).
- Le Cause Macroeconomiche della Volatilità del Mercato Azionario, Università del Piemonte Orientale (marzo 2002, maggio 2002).
- Interest Rate Volatility in the Euro Area: the Evidence from High Frequency Data, European Central Bank (giugno 2002).
- Crescita di Lungo Periodo e Distribuzione del Reddito, Università del Piemonte Orientale (giugno 2002).
- Interest Rate Volatility in the Euro Area: the Evidence from High Frequency Data, European Central Bank (ottobre 2002).
- Le Cause Macroeconomiche della Volatilità del Mercato Azionario, Università di Padova (febbraio 2003).
- The Japanese Stagnation: An Assessment of the Productivity Slowdown Hypothesis, Università del Piemonte Orientale (febbraio 2003, maggio 2003).

- A Structural Common Factor Approach to Core Inflation Estimation and Forecasting, European Central Bank (agosto 2003).
- A Structural Common Factor Approach to Core Inflation Estimation and Forecasting, Università del Piemonte Orientale (marzo 2004).
- A Small Scale Macroeconometric Model for the Euro-12 Area, European Central Bank (giugno 2005).
- Bidding Behaviour of Euro Area Banks: Evidence for Primary Market Auctions, European Central Bank (agosto 2005).
- High Frequency Data in Finance, Department of Economics, Michigan State University (16, 18, 23 ottobre 2006).
- On the Macroeconomic Causes of Exchange Rates Volatility, Department of Economics, Michigan State University (gennaio 2007).
- On the Macroeconomic Causes of Exchange Rates Volatility, Department of Economics, Central Michigan University (febbraio 2007).
- International Shocks and National House Prices, Department of Economics/East-West Center, University of Hawaii (settembre 2008).
- Realized Portfolio Selection in the Euro Area, Department of Finance, University of Hawaii (ottobre 2008).
- Permanent and Transitory Dynamics in House Prices and Consumption: Cross-Country Evidence, Center for Research on Pensions and Welfare Policies, Fondazione Collegio Carlo Alberto, Torino (novembre 2008).
- The Impact of House Price Variations on Savings and Consumption, Observatoire de l'Epargne Europeenne, Parigi (novembre 2008, relatore congiunto).
- The 2007-? Financial Crisis: A Money Market Perspective, Banca Centrale Europea, Directorate General Research, Financial Research Division (Agosto 2010).
- The Great Recession: US dynamics and spillovers to the world economy, Università di Trieste, Facoltà di Economia, (Gennaio 2011).
- Macroeconomic dynamics, financial speculation and the oil price, Fondazione ENI Enrico Mattei, Milano (Luglio e Novembre 2011).
- Oil price dynamics, macro-finance interactions and the role of financial speculation, Banca San Paolo Intesa, Ufficio Studi, Milano (Gennaio 2012).
- Oil price dynamics, macro-finance interactions and the role of financial speculation, Università di Milano Bicocca, Dipartimento di Economia Politica, Milan (Febbraio 2012).
- The third oil price shock: Origins and real effects, Università di Parigi-Dauphine, Giugno 2015.
- It ain't over till it's over: A global perspective on the Great Moderation-Great Recession interconnection, Università di Jakarta, Agosto 2016.
- Semiparametric Estimation of large variance-covariance and correlation matrices with an application to financial data, Università di Maastricht, Ottobre 2017.
- Regularized semiparametric estimation of high dimensional dynamic conditional covariance matrices, Università di Parigi-Dauphine, Maggio 2018.

**CONFERENZE:**
- Modelling and forecasting with long and short run information, The International Symposium on Economic Modelling, Bologna, 9-21 luglio 1995 (relatore).
- Computing Value at Risk with high frequency fata, Second International Conference on High Frequency Data in Finance, Zurigo, Svizzera, 1-3 aprile 1998 (poster).
- Structure and forecasting in an energy demand System with merged low and high frequency information, Modelling Energy Markets, Berlino, Germania, 11-12 settembre 1998.
- Estimating variance in the foreign exchange with high frequency data, Sixth International Conference on Computational Finance 1999, New York, 7-8 gennaio 1999 (poster).
- The effects of the introduction of the Euro on European stock markets, Rischio, rendimento e scelta di portafoglio: scenari futuri per il mercato azionario e gli investitori istituzionali, Università Bocconi, Milano, 11-12 novembre 1999.
- Regulatory uncertainty and share price volatility: the water industry's periodic price review, European Association for Research in Industrial Economics (E.A.R.I.E.) 27th Annual Conference, Losanna, Svizzera, 7-10 settembre 2000.

- The effects of the introduction of the Euro on European stock markets, Gruppo di ricerca MURST, "Problemi e Opzioni di Politica Economica in Regimi Monetari Alternativi", Università di Roma Tor Vergata, 13-14 ottobre 2000.
- The effects of the introduction of the Euro on European stock markets, European Financial Markets after EMU, Università Bocconi, Milano, 27 novembre 2000.
- Structural change and long range dependence in volatility of exchange rates: either, neither or both?, International Conference on the Econometrics of Financial Markets, Delphi, Atene, 22-25 maggio, 2001 (relatore).
- High frequency data and exchange rate volatility, CIMA 2001, Advanced Computing in Financial Markets, University of Wales, Bangor, 19-22 giugno 2001 (relatore).
- Core inflation in the Euro Area, Emu Macroeconomics Institutions and Policy, Università Bicocca, Milano, 20-22 Settembre 2001.
- Common persistent factors in inflation and excess nominal money growth and a new measure of core inflation, Tenth Annual Symposium of the Society for Non Linear Dynamics and Econometrics, Federal Reserve Bank of Atlanta, Atlanta, 14-15 Marzo 2002 (relatore).
- Monetary policy and the stock market in the Euro Area, Asset Markets and Monetary Policy, CEPR/Bank of Finland Workshop, Helsinki, 25-26 Aprile 2002.
- Monetary policy and the stock market in the Euro Area, 6$^{th}$ International Conference in Macroeconomics and International Finance, Crete, 23-26 Maggio 2002 (relatore).
- Le cause macroeconomiche della volatilità del mercato azionario, 43° Riunione Annuale della Società degli Economisti, Università di Ferrara, 25-26 Ottobre, 2002 (relatore)
- A strucutural common factor approach to core inflation estimation, Workshop on Inflation Forecasting : from Methodology to Empirical Evidence, Università di Castellanza LIUC, 18 dicembre 2002 (relatore).
- Breaks and persistency: macroeconomic causes of stock market volatility, IV Workshop di Finanza Quantitativa, ICER, Villa Gualino, 30-31 gennaio 2003 (relatore).
- Breaks and persistency: macroeconomic causes of stock market volatility, Eleventh Annual Symposium of the Society for Non Linear Dynamics and Econometrics, Villa la Pietra, Firenze, 13-15 Marzo 2003 (relatore).
- Breaks and persistency: macroeconomic causes of stock market volatility, Risk Italia, Milano, 14-15 maggio 2003.
- Interest rate volatility in the Euro Area: the evidence from high frequency data, Monetary Policy and Short Term Interest Rates in the Euro Area, Università Bocconi, Milano, 22 maggio 2003 (relatore).
- Innovare per competere. come finanziare l'innovazione, Università del Piemonte Orientale, Novara, 22-23 maggio 2003 (discussant).
- Long-run growth and income distribution, Mercato del Lavoro, Istituzioni e Distribuzione dei Redditi, Università del Piemonte Orientale, Novara, 29-30 maggio 2003 (relatore).
- Statistical benefits of value at risk with long memory, Tenth International Conference 'Forecasting Financial Markets', Parigi, 4-6 giugno 2003 (relatore).
- Interest rate volatility in the Euro Area: the Evidence from High Frequency Data, Tenth International Conference 'Forecasting Financial Markets', Parigi, 4-6 giugno 2003.
- Frequency domain principal components estimation of fractionally cointegrated processes, 58th European Meeting of the Econometric Society (ESEM) 2003, Econometrics and Empirical Economics (EEE) Programme, Stoccolma, 20-24 agosto 2003 (relatore).
- The Japanese stagnation: an assessment of the productivity slowdown hypothesis, International Conference on the Japanese and Italian Economic Performances and Policies Compared, Università Bocconi, Milano, 9-10 Ottobre 2003 (relatore)
- Monetary policy and the stock market in the Euro Area, Colloquium on Modern Tools for Business Cycle Analysis, Eurostat, Lussemburgo, 20-22 ottobre 2003 (relatore).
- Breaks and persistency: macroeconomic causes of stock market volatility, Common Feature in Maastricht, Università di Maastricht, 14-16 dicembre 2003 (relatore).
- A structural common factor approach to core inflation estimation and forecasting, Twelth Annual Symposium of the Society for Non Linear Dynamics and Econometrics, Federal Reserve Bank of Atlanta, Atlanta, 13-14 marzo 2004 (relatore).
- Stylized facts and statistical modelling of the Fama-French factor portfolios, Eleventh International Conference "Forecasting Financial Markets", Parigi, 2-4 giugno 2004 (relatore).

- Transmission of volatility in the Euro Money market, Eleventh International Conference "Forecasting Financial Markets", Parigi, 2-4 giugno 2004 (relatore).
- A structural common factor approach to core inflation estimation and forecasting, 59th European Meeting of the Econometric Society (ESEM) 2004, Econometrics and Empirical Economics (EEE) Programme, Madrid, 20-24 agosto 2004 (relatore).
- Frequency domain principal components estimation of fractionally cointegrated processes, First Bonzenfreies Colloquium on Market Dynamics and Quantitative Economics, University of Piemonte Orientale, Alessandria, 9-10 settembre 2004 (relatore).
- A structural common factor approach to core inflation estimation and forecasting, Common Feature in London, Cass Business School, University of London, 16-17 dicembre 2004 (relatore).
- The Japanese deflation: has it had real effects? Could it have been avoided?, Thirteen Annual Symposium of the Society for Non Linear Dynamics and Econometrics, University College of London, London, 31 marzo-1 aprile 2005 (relatore).
- Is there a hedge funds bubble? Twelth International Conference "Forecasting Financial Markets", Marsiglia, 1-3 giugno 2005 (relatore).
- A small scale macroeconometric model for the euro-12 area, Macroeconomics Workshop, Aix en Provence, 9-10 dicembre 2005 (relatore).
- A small scale macroeconometric model for the euro-12 area, Fourteenth Annual Symposium of the Society for Non Linear Dynamics and Econometrics, Washington University in St. Louis, US, 24-25 Marzo 2006 (relatore).
- Structural approach to bidding in the main refinancing operations of the Eurosystem, The econometrics of Auctions, Tolosa, 12-13 Maggio 2006.
- Economic Policy and Open Economy Macro, Università del Piemonte Orientale, 19-20 Giugno 2006.
- Comovements in volatility in the euro money market, International Conference on "Microstructure of Financial and Money Markets", Banque de France, Parigi, 6-7 Giugno 2006 (relatore)
- Comovements in volatility in the euro money market, Conference on Macro and Financial Economics/Econometrics, Brunel University, Londra, 12-13 Giugno 2006 (relatore)
- A New Approach to Factor Vector Autoregressive Estimation with an Application to Large Scale Macroeconometric Modelling, Econophysics Colloquium 2006 and Third Bonzenfries Colloquium, International Christian University, Tokyo, 23-25 Novembre 2006 (relatore)
- Multivariate modelling of long memory processes with common components, Breaks and persistence in econometrics, Cass Business School, Londra, 11-12 Dicembre 2006 (relatore)
- On the Macroeconomic Causes of Exchange Rate Volatility, 2nd Tinbergen Institute Conference, 20 Years of Cointegration: Theory and Practice in Prospect and Retrospect, Rotterdam, 23-24 Marzo 2007 (poster).
- On the Macroeconomic Causes of Exchange Rate Volatility, 62nd European Meeting of the Econometric Society (ESEM) 2007, Econometrics and Empirical Economics (EEE) Programme, Budapest, 27-31 Agosto 2007 (relatore).
- On the Macroeconomic Causes of Exchange Rate Volatility, 48a Riunione Annuale della Societa' Italiana degli Economisti, Torino, 26-27 Ottobre 2007 (relatore).
- Modelling Interest Rate Spreads in the Euro Money Market, ECB workshop on 'The Analysis of money market: role, challenges and implications from the monetary policy perspective', Frankfurt, 14-15 November 2007.
- On the Macroeconomic Causes of Exchange Rate Volatility, Conferenza in Memoria di Carlo Giannini, Universita' di Bergamo, 25-26 Gennaio 2008 (relatore).
- Realized Portfolio Selection in the Euro Area, Sixteenth Annual Symposium of the Society for Non Linear Dynamics and Econometrics, Federal Reserve Bank of Saint Francisco, US, 3-4 Aprile 2008 (relatore).
- Realized Portfolio Selection in the Euro Area, 63rd European Meeting of the Econometric Society (ESEM) 2008, Econometrics and Empirical Economics (EEE) Programme, Milano, 27-31 Agosto 2008 (relatore).
- Modeling Long Memory and Structural Breaks in Conditional Variances: An Adaptive FIGARCH Approach, Seventeenth Annual Symposium of the Society for Non Linear Dynamics and Econometrics, Federal Reserve Bank of Atlanta, US, 16-17 Aprile 2009 (relatore).
- Modeling Long Memory and Structural Breaks in Conditional Variances: An Adaptive FIGARCH Approach, First Meeting of the European Society for Financial Econometrics, Ginevra, 10-12 Giugno 2009 (poster).

- Modeling Long Memory and Structural Breaks in Conditional Variances: An Adaptive FIGARCH Approach, 64th European Meeting of the Econometric Society (ESEM) 2008, Econometrics and Empirical Economics (EEE) Programme, Barcellona, 23-27 Agosto 2009 (relatore).
- The 2007-? Financial Crisis: A Money Market Perspective, Eighteen Annual Symposium of the Society for Non Linear Dynamics and Econometrics, Universita' del Piemonte Orientale, Facolta' di Economia, Novara, 1-2 Aprile 2010 (relatore).
- The Great Recession: US dynamics and spillovers to the world economy, QASS Conference on Macro and Financial Economics 2010, Brunel University, Londra, 27 Maggio 2010 (relatore).
- The Great Recession: US dynamics and spillovers to the world economy, International Conference on the Economic Crisis and the Process of European Integration", Parlamento Europeo, Brussels, 2 Giugno 2010 (relatore).
- The 2007-? Financial Crisis: A Money Market Perspective, Third Annual Society for Financial Econometrics (Asia) Conference, University of Melbourne, Melbourne, 16-18 Giugno 2010 (poster).
- The Great Recession: US dynamics and spillovers to the world economy, Money, Macro and Finance Research Group, 42nd Annual Conference, Cyprus University of Technology, Cipro, 1-3 Settembre 2010 (relatore).
- The Great Recession: US dynamics and spillovers to the world economy, Money, Macro and Finance Research Group, 6th Eurostat Colloquium on Modern Tools for Business Cycle Analysis: The Lessons from Global Economic Crisis, Eurostat, Lussemburgo, 26-29 Settembre 2010 (relatore).
- The 2007-? Financial Crisis: A Money Market Perspective, 4th CSDA International Conference on Computational and Financial Econometrics (CFE'10), Senate House, University of London, Londra, 10-12 Dicembre 2010 (relatore).
- La determinazione del tasso di cambio euro/dollaro: teoria e risultati empirici, I rischi del mestiere. Ripresa economica, imprese globali e rischio di cambio, UniCredit&Sole24ore, Torino, 18 Gennaio 2011 (relatore invitato)
- Heteroskedastic Factor Vector Autoregressive Estimation of Persistent and Non Persistent Processes Subject to Structural Breaks, Nineteen Annual Symposium of the Society for Non Linear Dynamics and Econometrics, George Washington University, Washington D.C., 16-17 Marzo 2011 (relatore).
- The Great Recession: US dynamics and spillovers to the world economy, 29th Suerf Colloquium, Dexia Congress Center, Brusselles, 11-12 Maggio 2011 (relatore).
- Factor Vector Autoregressive Estimation of Heteroskedastic Persistent and Non Persistent Processes Subject to Structural Breaks, Fourth Annual Conference of the Society for Financial Econometrics, University of Chicago, Chicago, 15-17 Giugno 2011 (poster).
- Factor Vector Autoregressive Estimation of Heteroskedastic Persistent and Non Persistent Processes Subject to Structural Breaks, 65th European Meeting of the Econometric Society (ESEM) 2011, Econometrics and Empirical Economics (EEE) Programme, Oslo, 25-29 Agosto 2011 (relatore).
- Factor Vector Autoregressive Estimation of Heteroskedastic Persistent and Non Persistent Processes Subject to Structural Breaks, NBER-NSF Time Series Conference, Michigan State University, East Lansing, 16-17 Settembre 2011 (poster).
- Macroeconomic Dynamics, Financial Speculation and the Real Oil Price, New Directions in Modeling International Finance, University of Limerick, Limerick, 24 Novembre 2011 (relatore).
- Factor Vector Autoregressive Estimation of Heteroskedastic Persistent and Non Persistent Processes Subject to Structural Breaks, 5th CSDA International Conference on Computational and Financial Econometrics University of London, London, 17-19 Dicembre 2011 (relatore).
- Macroeconomic Dynamics, Financial Speculation and the Real Oil Price, Financial Speculation in the Oil Market and the determinants of the Oil Price, Fondazione ENI Enrico Mattei, 12-13 Gennaio 2012 (relatore).
- Oil price dynamics, macro-finance interactions and the role of financial speculation, Twentieth Annual Symposium of the Society for Non Linear Dynamics and Econometrics, Bilgi University, Instanbul, 5-6 Aprile 2012 (relatore).
- Oil price dynamics, macro-finance interactions and the role of financial speculation, Understanding Commodity Prices MMF, BoE and CAMA workshop, Bank of England, 25 Maggio 2012 (relatore).
- Oil price dynamics, macro-finance interactions and the role of financial speculation, III World Finance Conference, 15th Annual Conference on Global Economic Analysis, World Trade Organization, Ginevra, 27-29 Giugno 2012 (relatore).
- Oil price dynamics, macro-finance interactions and the role of financial speculation, III World Finance Conference, Universidad Candido Mendes, Rio de Janeiro, 2-4 Luglio 2012 (relatore).

- Oil price dynamics, macro-finance interactions and the role of financial speculation, 66th European Meeting of the Econometric Society (ESEM), Málaga, 27-31 Agosto 2012 (relatore).
- Oil price dynamics, macro-finance interactions and the role of financial speculation, Money, Macro and Finance Research Group, 44th Annual Conference, Trinity College, Dublin, 6-8 Settembre 2012 (relatore).
- Oil price dynamics, macro-finance interactions and the role of financial speculation, 2012 World Finance & Banking Symposium, Cheung Kong Graduate School of Business, Shanghai, 17-18 Dicembre 2012 (relatore).
- Factor vector autoregressive estimation of heteroskedastic persistent and non persistent processes subject to structural breaks: New insights on the US OIS spreads term structure, 21st Annual Symposium of the Society for Nonlinear Dynamics and Econometrics, Università di Milano-Bicocca, Milano, 28-29 Marzo 2013 (relatore).
- The oil price-macroeconomy relationship since the mid-1980s: A global perspective, "Oil Price Forecasts and Trends" Workshop, Fondazione ENI Enrico Mattei, Milano, 23-24 Maggio 2013 (relatore invitato).
- Risk factors, macro-finance interface and the cross-section of expected returns, 8th BMRC-QASS Conference on Macro and Financial Economics, Brunel University, Londra, 24 Maggio 2013 (relatore invitato).
- Factor vector autoregressive estimation of heteroskedastic persistent and non persistent processes subject to structural breaks: New insights on the US OIS spreads term structure, 6th Society for Financial Econometrics Annual Conference, Sim Kee Boon Institute for Financial Econometrics, Singapore Management University e the Risk Management Institute, National University of Singapore, Singapore, 12-14 Giugno 2013 (poster).
- New insights on the US OIS spreads term structure, 5th International Finance and Banking Society Annual Conference, University of Nottingham, Nottingham, 26-28 June 2013 (relatore).
- New insights on the US OIS spreads term structure, 45th Money, Macro and Finance Conference, Queen Mary University of London, Londra, 11-13 Settembre 2013 (relatore).
- Macro Banking and Finance Workshop, Università di Milano-Bicocca, 19-20 Settembre 2013 (discussant).
- New insights on the US OIS spreads term structure, International Conference on Applied Business and Economics, City University of New York, New York, 2-4 October 2013 (relatore).
- New insights on the US OIS spreads term structure, First International Conference on Finance and Banking, Sanur, 11-12 Dicembre 2013 (relatore).
- New insights on the US OIS spreads term structure, 2013 World Finance & Banking Symposium, Pechino, 16-17 Dicembre 2013 (relatore).
- Overview on early warning indicators within the EMU surveillance mechanism: A macro-finance approach, First RastaNews Annual Conference, More Europe: Letting the euro working at full speed, Università di Milano-Bicocca and ISPI, 13-14 Gennaio 2014 (relatore).
- Insights on the global macro-finance interface: Structural sources of risk factors fluctuations and the cross-section of expected stock returns, 22nd Annual Symposium of the Society for Nonlinear Dynamics and Econometrics, Baruch College - The City University of New York (CUNY), New York, 17-18 Aprile 2014 (relatore).
- Insights on the global macro-finance interface: Structural sources of risk factors fluctuations and the cross-section of expected stock returns, 10th BMRC-DEMS Conference on Macro and Financial Economics, Brunel University, Londra, 28-30 Maggio 2014 (relatore invitato).
- Insights on the global macro-finance interface: Structural sources of risk factors fluctuations and the cross-section of expected stock returns, 1st Conference of the International Association for Applied Econometrics, Queen Mary University, Londra, 26-28 Giugno 2014 (relatore).
- Insights on the global macro-finance interface: Structural sources of risk factors fluctuations and the cross-section of expected stock returns, 5th World Finance Conference, Università diVenezia Cà Foscari, Venezia, 2-3 Luglio 2014 (relatore).
- Insights on the global macro-finance interface: Structural sources of risk factors fluctuations and the cross-section of expected stock returns, 68th European Meeting of the Econometric Society (ESEM), Università di Tolosa, Tolosa, 25-29 Agosto 2014 (relatore).
- Insights on the global macro-finance interface: Structural sources of risk factors fluctuations and the cross-section of expected stock returns, 46th Money, Macro and Finance Annual Conference, University of Durham, Durham, 17-19 Settembre 2014 (relatore).
- Insights on the global macro-finance interface: Structural sources of risk factors fluctuations and the cross-section of expected stock returns, 2014 World Finance & Banking Symposium, Singapore, 12-14 December 2014 (relatore).

- Insights on the global macro-finance interface: Structural sources of risk factors fluctuations and the cross-section of expected stock returns, Second International Conference on Finance and Banking, Kuta, 16-17 December 2014 (relatore).
- It ain't over till it's over: Great 4 in the way it all began, Second RAstaNEWS Annual Conference: Eurozone in the Doldrums. Escaping the Fate of Recurring Crises, Università di Milano-Bicocca e ISPI, Milano, 12-13 Marzo 2015 (relatore).
- It ain't over till it's over: Great 4 in the way it all began, 23rd Annual Symposium of the Society for Nonlinear Dynamics and Econometrics, BI Norwegian Business School, Oslo, 19-20 Marzo 2015 (relatore).
- It ain't over till it's over: Great 4 in the way it all began, 11th BMRC-DEMS Conference on Macro and Financial Economics, Brunel University, London, 18-19 May 2015 (relatore invitato).
- Eurozone in the doldrums. New policies and institutions to escape the fate of recurring crises, RAstaNEWS Conference: Lessons from the crisis: Rewiring EMU economic policymaking, Bruegel Institute, Brussels, 4 Giugno 2015.
- It ain't over till it's over: Great 4 in the way it all began, 2nd International Association for Applied Econometrics, Università di Salonicco, Salonicco, 25-27 Giugno 2015 (relatore).
- It ain't over till it's over: Great 4 in the way it all began, 6th World Finance Conference, University of Cema, Buenos Aires, 22-24 Luglio 2015 (relatore).
- The financial Kuznets curve: Evidence for the Euro Area, 2nd International Conference of the Society for Economic Measurement, OECD, Parigi, 22-24 Luglio 2015.
- It ain't over till it's over: Great 4 in the way it all began, 47th Money, Macro and Finance Annual Conference, University of Cardiff, Cardiff, 9-11 Settembre 2015 (relatore).
- Second RAstaNEWS Executive Briefing (EB), Center for Economic and Policy Studies, Brussels, 3 Dicembre 2015.
- It ain't over till it's over: A global perspective on the Great Moderation-Great Recession interconnection, 9th International Conference on Computational Financial Econometric, Senate House, University of London, London, 12-14 December 2015 (speaker).
- It ain't over till it's over: Great 4 in the way it all began, 2015 World Finance & Banking Symposium, Hanoi, 18-19 Dicembre 2015 (relatore).
- Financial deepening and income distribution in the euro area. Conference on large–scale crises: 1929 vs 2008, Università Politecnica delle Marche, Ancona, 17-19 Dicembre 2015
- Financial deepening and income distribution in the euro area. RAstaNEWS Final Workshop, Università Cattolica di Milano, Milano, 29 Gennaio 2016.
- Semiparametric Estimation of Multivariate GARCH Models, 12th BMRC Conference on Macro and Financial Economics, Brunel University, Londra, 23-24 Maggio 2016 (relatore invitato).
- Semiparametric Estimation of Multivariate GARCH Models, 3rd Conference of the International Association for Applied Econometrics, Università di Milano-Bicocca, Milano, 22-25 Giugno 2016 (relatore).
- Financial deepening and income distribution inequality in the euro area, 3rd Conference of the International Association for Applied Econometrics, Università di Milano-Bicocca, Milano, 22-25 Giugno 2016.
- Semiparametric Estimation of Multivariate GARCH Models, 7th World Finance Conference, St. Johns University, New York, 29-31 Luglio 2016 (relatore).
- Semiparametric Estimation of Multivariate GARCH Models, The 2nd International Research Conference on Business and Economics, Diponegoro University, Semarang, 3-4 Agosto 2016 (relatore invitato).
- Semiparametric Estimation of Multivariate GARCH Models, 69th European Meeting of the Econometric Society (ESEM), Ginevra, 22-26 Agosto 2016 (relatore).
- Financial deepening and income distribution inequality in the euro area, 4th ECB/CBRT Conference: Economic Growth and Income Convergence, Izmir, 2-3 Settembre 2016 (relatore invitato).
- Macroeconomic and Financial Effects of Oil Price Shocks: Evidence for the Euro Area, 48th Money, Macro and Finance Annual Conference, Università di Bath, Bath, 7-9 Settembre 2016 (speaker).
- Financial deepening and income distribution inequality in the euro area, 57th Riunione Scientifica Annuale della Società Italiana degli Economisti, Università Bocconi, Milano, 20-22 Ottobre 2016.
- Modeling time varying volatility and correlations in temperature anomalies, Conference on Econometric Models of Climate Change, Università di Aarhus, 27-28 Ottobre, 2016 (relatore).
- Semiparametric Estimation of Multivariate GARCH Models, 5th International Conference in Memory of Carlo Giannini, Università di Bergamo, 25-26 Novembre 2016 (relatore).

- Macroeconomic and Financial Effects of Oil Price Shocks: Evidence for the Euro Area, 1st AIEE Energy Symposium: Current and Future Challenges to Energy Security, Università di Milano-Bicocca, Novembre 30- Dicembre 2, 2016 (relatore).
- Semiparametric Estimation of Multivariate GARCH Models, 10th International Conference on Computational Financial Econometric, Università di Siviglia, Siviglia, 9-11 Dicembre 2016 (relatore).
- Semiparametric Estimation of Multivariate GARCH Models, XVIII Workshop on Quantitative Finance, Università di Milano-Bicocca, 25-27 Gennaio 2017 (relatore).
- Financial deepening and income distribution inequality in the euro area, XVIII Workshop on Quantitative Finance, Università di Milano-Bicocca, 25-27 Gennaio 2017.
- Macroeconomic and Financial Effects of Oil Price Shocks: Evidence for the Euro Area, 25th Annual Symposium of the Society for Nonlinear Dynamics and Econometrics: ESSEC Business School, Parigi 30-31 Marzo 2017 (relatore).
- Semiparametric Estimation of Multivariate GARCH Models, 8th RCEA Macro-Money-Finance Workshop, Rimini Palacongressi, 18-19 Maggio 2017 (relatore).
- Semiparametric Estimation of Multivariate GARCH Models, 1st International Conference on Econometrics and Statistics, Hong Kong University of Science and Technology, 15-17 Giugno 2017 (relatore).
- Macroeconomic and Financial Effects of Oil Price Shocks: Evidence for the Euro Area, 4th Conference of the International Association for Applied Econometrics, Hokkaido University, Sapporo, 26-29 Giugno 2017 (relatore).
- Financial deepening and income distribution inequality in the euro area, Seventh Meeting of the Society for the Study of Economic Inequality (ECINEQ), The Graduate Center, City University of New York, New York City, 17-19 Luglio 2017 (relatore).
- Semiparametric Estimation of Multivariate GARCH Models, 4th Conference of the Society for Economic Measurement, Massachusetts Institute of Technology, Cambridge, 26-28 Luglio 2017 (relatore).
-Temperature Anomalies, Radiative Forcing and ENSO, 2017 Conference on Climate Econometrics, Nuffield College, University of Oxford, 4-5 Settembre 2017 (relatore)
- Macroeconomic and Financial Effects of Oil Price Shocks: Evidence for the Euro Area, 49th Money, Macro and Finance Annual Conference, King's College London, 5-7 Settembre 2017 (relatore).
- Semiparametric Estimation of Large Variance-Covariance and Correlation Matrices with an Application to Financial Data, 2017th Meeting of the CLAssification and Data Analysis Group (CLADAG) of the Italian Statistical Society (SIS), Università di Milano-Bicocca, 13-15 Settembre 2017 (relatore).
- Some Financial Implications of Global Warming, 1st International Research Conference on Economics and Business. University of Malang, 11-12 December 2017 (relatore invitato).
- Some Financial Implications of Global Warming. International Conference on Finance, Management and Business. University of Jakarta, 12 December 2017 (relatore invitato).
- Semiparametric Estimation of Large Variance-Covariance and Correlation Matrices with an Application to Financial Data, 2017th World Banking and Finance Symposium, NIDA Businness School, Bangkok, 14-15 Dicembre 2017 (relatore).
- Semiparametric Estimation of Large Variance-Covariance and Correlation Matrices with an Application to Financial Data,11th International Conference on Computational Financial Econometric, Università di Londra, 16-18 Dicembre 2017 (relatore).
- Three-step SP-DCC Estimation of Large Variance-Covariance and Correlation Matrices, with an Application to Financial Data, XIX Workshop on Quantitative Finance, Università di Roma, 24-25 Gennaio 2018 (relatore).
- Three-step SP-DCC Estimation of Large Variance-Covariance and Correlation Matrices, with an Application to Financial Data,1st Italian Workshop of Econometrics and Empirical Economics: Panel Data Models and Applications, Università di Milano-Bicocca, 25-26 Gennaio 2018 (poster).
- Some Financial Implications of Global Warming. 26th Annual Symposium of the Society for Nonlinear Dynamics and Econometrics: Keio University, Tokyo, 20-21 Marzo 2018 (relatore).
- Climatic change implications for the catastrophe bonds market, International Conference on the Economic and Financial Implications of Climatic Change. Università di Milano-Bicocca, Milano, 22 Giugno 2018 (relatore).
- Regularized semiparametric estimation of high dimensional dynamic conditional covariance matrices, 2nd International Conference on Econometrics and Statistics, The City University of Hong Kong, Hong Kong, 19-21 Giugno 2018 (relatore).

- Some Financial Implications of Global Warming. 5th Conference of the International Association for Applied Econometrics, University of Quebec and University of Montreal, Montreal, 26-29 Giugno 2018 (relatore).
- Some Financial Implications of Global Warming. 2018 Economic Modelling Conference, University of Venice, Venezia, 4-6 July 2018 (relatore).
- Some Financial Implications of Global Warming. 9th World Finance Conference, University of Mauritius, Mauritius, 25-27 Luglio 2018 (relatore).

**PUBBLICAZIONI:**

**RIVISTE:**

1) - I Modelli Lineari Simultanei in Econometria: Sviluppi di Metodo, Annali della Fondazione Luigi Einaudi, Vol. XXIX, 1995, pp.115-47.
2) - Substitution Possibilities for Energy in the Italian Economy: A General to Specific Econometric Analysis, Giornale degli Economisti, 1998, pp.325-58.
3) - Computing Value at Risk with High Frequency Data (con Beltratti, A.), Journal of Empirical Finance,1999, 6, 431-55.
4) - Measuring Core Inflation in Italy (con Bagliano F.C.), Giornale degli Economisti, 1999, 58, 301-28.
5) - Modelling Evolving Long-Run Relationships: An Application to the Italian Energy Market, Scottish Journal of Political Economy, 2000, 47(1), pp. 72-93.
6) - Regulatory Uncertainty and Share Price Volatility: The Water Industry's Periodic Price Review (con Sawkins, J.), Journal of Regulatory Economics, 2000, 17(1), pp. 87-100.
7) - Central Bank Interventions and Exchange Rates: An Analysis with High Frequency Data, (con Beltratti, A.), Journal of International Financial Markets, Institutions and Money, 2000, 10, 349-62.
8) - A Semi-Parametric Approach to Short-Run Oil Price Forecasting, Energy Economics, 2001, 23/3, 325-38.
9) - Deterministic and Stochastic Methods for Estimation of Intra-day Seasonal Components with High Frequency Data (con Beltratti, A.), Economic Notes, 2001, 30(2), 205-34.
10) - The Effects of the Introduction of the Euro on the Volatility of European Stock Markets (con Beltratti, A.), Journal of Banking and Finance, 2002, 26(10), 2047-2064.
11) - Core Inflation in the Euro Area (con F.C. Bagliano e R. Golinelli), 2001, Applied Economics Letters, 2002, 9, 353-357.
12) - An Empirical Investigation of Long-Run Growth in the UK, Structural Change and Economic Dynamics, 2002, 13(1), 49-70.
13) - Stock Market Reaction to Regulatory Price Review in the English and Welsh Water Industry (con Sawkins, J.), 2002, Journal of Regulatory Economics, 22(2), 185-204.
14) - IGARCH Effects: an Interpretation, Applied Economics Letters, 2002, 9, 745-748.
15) - SuperExogeneity and Forecasting Energy Demand with High and Low Frequency Data (con McAvinchey, I.D.), Rivista Internazionale di Scienze Sociali, 2002, 4, 361-87.
16) - Common Persistent Factors in Inflation and Excess Nominal Money Growth and a New Measure of Core Inflation, Studies in Non Linear Dynamics and Econometrics, 2002, 6(3), art.3.
- Erratum: Common Persistent Factors in Inflation and Excess Nominal Money Growth and a New Measure of Core Inflation, Studies in Non Linear Dynamics and Econometrics, 2002, 6(3), art.5.
17) - A Common Trends Model of UK Core Inflation (con F.C. Bagliano), Empirical Economics, 2003, 28, 157-72.
18) - Measuring US Core Inflation: a Common Trends Approach (con F.C. Bagliano), Journal of Macroeconomics, 2003, 25, 197-212.
19) - Long-Run Growth and Income Distribution: Evidence from Italy and the US, Giornale degli Economisti, 2003, 62(2), 171-210.
20) - The Japanese Stagnation: an Assessment of the Productivity Slowdown Hypothesis, Japan and the World Economy, 2004, 16, 193-211.
21) - Monetary Policy and the Stock Market in the Euro Area (con Nuno Cassola), Journal of Policy Modeling, 2004, 26(3), 387-99.

22) -Structural Change and Long Range Dependence in Volatility of Exchange Rates: Either, Neither or Both? (con Beltratti, A.), Journal of Empirical Finance, 2004, 11, 629-58.
23) - Frequency Domain Principal Components Estimation of Fractionally Cointegrated Processes, Applied Economic Letters, 2004, 11, 837-42.
24) - Some Frequency Domain Properties of Fractionally Cointegrated Processes, Applied Economics Letters, 2004, 11, 891-94.
25) - Stock Market Volatility of Regulated Industries: an Empirical Assessment (con J. Sawkins), Portuguese Economic Journal, 2004, 3(3), 189-204.
26) - Regional Convergence in Italy: 1951-2000, Giornale degli Economisti, 2004, 63(2), 139-60.
27) - The Japanese Deflation: Has It Had Real Effects? Could It Have Been Avoided?, Applied Economics, 2005, 37, 1337-52.
28) - Frequency Domain Principal Components Estimation of Fractionally Cointegrated Processes: Some New Results and an Application to Stock Market Volatility, Physica A, 2005, 335, 165-175.
29) - Statistical Benefits of Value at Risk with Long Memory (con A. Beltratti), Journal of Risk, 2005, 7(4).
30) - Breaks and Persistency: Macroeconomic Causes of Stock Market Volatility (con A. Beltratti), Journal of Econometrics, 2006, 131, 151-77.
31) - Structural Breaks and Common Factors in the Volatility of the Fama-French Factor Portolios (con A. Beltratti), 2006, Applied Financial Economics, 16, 1-15.
32) - A Small Scale Macroeconometric Model for the Euro-12 Area, 2006, Economic Modelling, 23(3), 391-426.
33) - The Price Stability Oriented Monetary Policy of the ECB: an Assessment, Applied Economics, 2006, 38, 2007-2020.
34) - Volatility of Interest Rates in the Euro Area: Evidence from High Frequency Data, (with N. Cassola), 2006, European Journal of Finance, 12, 529-52.
35) - Estimating Long Memory in the Mark-Dollar Exchange Rate with High Frequency Data (con A. Beltratti), 2006, Applied Financial Economics Letters, 6, 361-364.
36) - Inflation and Monetary Dynamics in the US: A Quantity-Theory Approach, (with F.C. Bagliano), 2007, Applied Economics, 39, 229-244.
37) - A Structural Common Factor Approach to Core Inflation Estimation and Forecasting, 2007, Applied Economics Letters,14, 163-169.
38) - Does the Stock Market Affect Income Distribution? Some Empirical Evidence for the US (con A. Beltratti), 2007, Applied Economics Letters, 14, 99-104.
39) Structural Approach to Bidding in the Main Refinancing Operations of the Eurosystem (con N. Cassola and C. Ewerhart), 2007, Journal of Financial Transformation, 19, 81-90.
40) - The End of the Japanese Stagnation: An Assessment of the Policy Solutions, 2007, Qualitative and Quantitative Analysis in Social Sciences, 1(1), 43-62.
41) - Estimating, Filtering and Forecasting Realized Betas, 2007, The Journal of Financial Forecasting, 1, 83-111.
42) - Factor Demand Modelling: the Theory and the Practice, 2007, Applied Mathematical Sciences, 1 (31), 1519-1549.
43) - Multivariate Modelling of Long Memory Processes with Common Components, 2007, Computational Statistics and Data Analysis, 52, 919-934.
44) - Comovements in International Stock Markets (con A. Beltratti), 2008, Journal of International Financial Markets Institutions and Money, 18, 31-45.
45) - International Stock Markets Comovements: the Role of Economic and Financial Integration, 2008, Empirical Economics, 35, 333-359.
46) - Factor Vector Autoregressive Estimation: A New Approach (con F.C. Bagliano), 2008, Journal of Economic Interaction and Coordination, 3, 15-23.
47) - Aggregate Hedge Funds Flows and Returns (con A. Beltratti), 2008, Applied Financial Economics, 18, 1755-1764.
48) - Net Inflows and Time-Varying Alphas: The Case of Hedge Funds (con A. Beltratti), 2008, Qualitative and Quantitative Analysis in Social Sciences, 2(3), 67-94.
49) - Medium-term Macroeconomic Determinants of Exchange Rate Volatility, 2008, Journal of Financial Transformation, 25, 55-64.
50) - Modelling Short-Term Interest Rate Spreads in the Euro Money Market (con Nuno Cassola), 2008, International Journal of Central Banking, 4, 1-39.

51) - An Omnibus Noise Filter, 2009, Computational Statistics, 24, 459-479.
52) - International Macroeconomic Dynamics: A Factor Vector Autoregressive Approach (con F.C. Bagliano), 2009, Economic Modelling, 26, 432-444.
53) - On the Macroeconomic Causes of Exchange Rate Volatility, 2009, International Journal of Forecasting, 25, 328-350.
54) - Realized Betas and the Cross-Section of Expected Returns, 2009, Applied Financial Economics, 19, 1371-1381.
55) - Modeling Long Memory and Structural Breaks in Conditional Variances: An Adaptive FIGARCH Approach (con R.T. Baillie), 2009, Journal of Economic Dynamics and Control, 33, 1577-1592.
56) - International house prices and macroeconomic fluctuations (con A. Beltratti), 2010, Journal of Banking and Finance, 34, 535-545.
57) - Comovements in Volatility in the Euro Money Market (con Nuno Cassola), 2010, Journal of International Money and Finance, 29, 525-39.
58) - Permanent and Transitory Dynamics in House Prices and Consumption: Some Implications for the Real Effects of the Financial Crisis (con F.C. Bagliano), 2010, Applied Financial Economics, 20, 151-170.
59) - Business Cycle Comovements in the G-7: Common Shocks or Common Transmission Mechanisms? (con F.C. Bagliano), 2010, Applied Economics, 42, 2327-2345.
60) - Realized mean-variance efficient portfolio selection and euro area stock market integration, 2010, Applied Financial Economics, 20, 989-1001.
61) - The Great Recession: US dynamics and spillovers to the world economy (con F.C. Bagliano), 2012, Journal of Banking and Finance, 36, 1-13.
62) - Real oil prices since the 1990s, 2012, Review of Environment, Energy and Economics, January, scaricabile da: http://www.feem.it/getpage.aspx?id=4558.
63) - Euro money market spreads during the 2007-? financial crisis, (with N. Cassola), 2012, Journal of Empirical Finance, 19, 548-557.
64) - PC-VAR estimation of vector autoregressive processes, 2012, Open Journal of Statistics, 2, 251-259.
65) - Adaptive ARFIMA Models with Applications to Inflation, (con R.T. Baillie), 2012, Economic Modelling, 29, 2451-2459.
66) Oil price dynamics, macro-finance interactions and the role of financial speculation, 2013, Journal of Banking and Finance, 37, 206-226.
67) The oil price-macroeconomy relationship since the mid-1980s: A global perspective, 2013 Energy Journal, 34, 153-189.
68) Determinants of US financial fragility conditions, (con F.C. Bagliano), 2014, Research in International Business and Finance, 30, 377-392.
69) - New Insights on the US OIS Spreads Term Structure During the Recent Financial Turmoil, 2014, Applied Financial Economics, 24, 291-317.
70) - Factor Vector Autoregressive Estimation of Heteroskedastic Persistent and Non Persistent Processes Subject to Structural Breaks, 2014, Open Journal of Statistics, 4, 292-312.
71) - Insights on the Global Macro-Finance Interface: Structural Sources of Risk Factors Fluctuations and the Cross-Section of Expected Stock Returns, 2014, Journal of Empirical Finance, 29, 64-79.
72) - Model Averaging by Stacking, 2015, Open Journal of Statistics, 5, 797-807.
73) - Semiparametric Estimation of Multivariate GARCH Models, 2015, Open Journal of Statistics, 5, 852-858.
74) - The financial Kuznets curve: Evidence for the Euro Area (with D. Baiardi), 2016, Journal of Empirical Finance, 39, 265-269.
75) - Macroeconomic and financial effects of oil price shocks: Evidence for the euro area. Economic Modelling, 2017, 64, 82-96.
76) - It ain't over till it's over: A global perspective on the Great Moderation Great Recession interconnection (con F.C. Bagliano), Applied Economics, 2017, 49, 4946-4969.
77) - The US$/€ exchange rate: Structural modeling and forecasting during the recent financial crises, Journal of Forecasting, 2017, 36, 919-935.
78) - Financial development and income distribution inequality in the euro area (with D. Baiardi). Economic Modelling, 2018, 70, 40-55.

**LIBRI:**

1) - Esercizi di Macroeconomia, 1998, Guerini e Associati Editore, Torino.
2) - Energy Substitution in Italy: An Economic Evaluation, 2005, Franco Angeli, Milano.

**CAPITOLI IN LIBRI:**

1) - Computing Value at Risk with High Frequency Data, Proceedings of the Second Conference on High Frequency Data in Finance, Olsen & Associates, Zurich, Switzerland, 1-3 aprile 1998.
2) - Comparing Models of Intra-Day Seasonal Volatility in the Foreign Exchange Market (con Beltratti A.), in Abu-Mostafa, S., LeBaron, B., Lo A.W. and Weigend, A.S., (eds.), Proceedings of the Sixth International Conference on Computational Finance, MIT Press, 2000.
3) - High Frequency Data and Exchange Rate Volatility, Proceedings of CIMA 2001, Advanced Computing in Financial Markets, University of Wales, Bangor, 19-22 giugno 2001.
4) - Inflation Modelling in the Euro Area (con F.C. Bagliano e R. Golinelli), in Fiscal Policies, Monetary Policies and Labour Markets. Key Aspects of European Macroeconomic Policies after Monetary Unification, R. Beetsma, C. Favero, A. Missale, V.A. Muscatelli, P. Natale e P. Tirelli (eds), Cambridge University Press, 2003.
5) - Structural Breaks in the Volatility of Macroeconomic and Financial Data: The Rule, not the Exception (con A. Beltratti), Symposium in Honor of Mordecai Kurz, C.D. Aliprantis, K.J. Arrow, P.J. Hammond, F. Kuebler, H.M. Wu, N.C. Yannelis (ed.), Springer Verlag, 2003.
6) - Monetary Policy and Macroeconomic Fluctuations in the Euro Area (con N. Cassola), in L.C. Williams (ed.), Monetary Policy and Issues: New Research, Nova Science Publisher, New York, USA, 2006.
7) - Transmission of Volatility in the Euro Money Market (con N. Cassola), in L.C. Williams (ed.), Monetary Policy and Issues: New Research, Nova Science Publisher, New York, USA, 2006.
8) - Business Cycle Fluctuations in the Euro Area (con N. Cassola), 2006, in Growth and Cycle in the Eurozone, G.L. Mazzi and G. Savio (eds.), Palgrave McMillan.
9) - Structural Core Inflation Estimation, in Trends in Inflation Research, Nova Science Publisher, New York, USA, 2006, 143-185.
10) – The Effects of US Economic and Financial Crises on Euro Area Convergence (con F.C. Bagliano), in W. Meeusen (ed.), The Economic Crisis and Euro Area Integration, Edward Elgar, UK, 2011, ch.7, ISBN: 1849804206.
11) - Macro-finance interactions in the US: A global perspective (con F.C. Bagliano) in M. Balling e D. T. Llewellyn (eds.), New Paradigms in Monetary Theory and Policy?, SUERF Studies, no. 2011/5, ch.9, SUERF, Larcier, Vienna, ISBN: 978-3-902109-61-3.

**RECENSIONI:**

1) - The Natural Rate of Unemployment, Reflections on 25 Years of the Hypothesis, ed. Rod Cross, Cambridge University Press, 1995, History of Economic Ideas, vol. VI(1), 1998, pp.143-47.

**ARTICOLI SU QUOTIDIANI E ALTRO:**

1) - Le Banche Centrali Faticano a Controllare i Cambi (con A. Beltratti), Il Sole 24 Ore, 30 gennaio 1999.
2) - Orario Lungo, un Dilemma tra Efficienza e Costi (con A. Beltratti), Il Sole 24 Ore, 7 agosto 1999.
3) - Common Fluctuations in International Stock Markets: Economic or Financial Integration?, 2006, Financial Study Association Rotterdam Forum, 12-16.

**INTERVENTI SULLA STAMPA E INTERVISTE**

1) - The Wall Street Journal Europe, 15-17 Febbraio 2002, ECB sees bigger role for stock market, di Handelsblatt.
2) - Expresso, 24 Gennaio 2009, pag.19, As lições do Japão, di Jorge Nascimento Rodrigues.

**WORKING PAPERS:**

- Econometric Methodology and the Simultaneous Equation Approach: an Overview, Quaderno n.20, Marzo 1995, Quaderni del Dipartimento di Scienze Economiche e Finanziarie "G. Prato", Università degli Studi di Torino, Facoltà di Economia.
- Substitution Possibilities for Energy in the Italian Economy: a General to Specific Econometric Analysis, ICER Working Papers, 13/1997; Fondazione Mattei Working Papers, 94/1997.
- Modelling Evolutionary Long-Run Relationships: an Application to the Italian Energy Market, ICER Working Papers, 21/1997; Fondazione Mattei Working Papers, 2/1998.
- Estimating Variance in the Foreign Exchange with High Frequency Data (con Beltratti, A.), Heriot Watt University Working Papers, 1998.
- Regulatory Uncertainty and Share Price Volatility: The Water Industry's Periodic Price Review (con Sawkins, J.), Heriot-Watt University, Working Papers, 1998.
- SuperExogeneity and Forecasting with High and Low Frequency Data (con McAvinchey, I.D.), Aberdeen University, Department of Economics, Working Papers, 99/4.
- Interventions and Exchange Rates: An Analysis with High Frequency Data, (con Beltratti, A.), ICER Working Papers, 29/98.
- Measuring Core Inflation in Italy (con Bagliano F.C.), Department of Economics, University of Aberdeen, Working Papers, 99/3.
- A Common Trends Model of UK Core Inflation, (con Bagliano F.C.), Department of Economics, University of Aberdeen, Working Papers, 99/2.
- Measuring US Core Inflation, (con Bagliano F.C.), ICER Working Papers, 13/99.
- A Semi-Parametric Approach to Oil Price Forecasting, Department of Economics, University of Aberdeen, Working Papers, 99/5.
- Productivity and Employment in the UK: a Markov Switching Analysis, Quaderni del Dipartimento di Scienze Economiche e Finanziarie "G. Prato", Università degli Studi di Torino, Facoltà di Economia, n.43, 1999.
- Forecasting Value at Risk: Is Observed Variance Useful? (con Beltratti, A.), Quaderni del Centro di Economia Monetaria e Finanziaria Paolo Baffi, Università Bocconi, Milano, n.132, 1999.
- Computing Value at Risk with High Frequency Data (con Beltratti, A.), Quaderni del Centro di Economia Monetaria e Finanziaria Paolo Baffi, Università Bocconi, Milano, n.133, 1999.
- The Effects of the Introduction of the Euro on European Stock Markets (con Beltratti, A.), Quaderni del Centro di Economia Monetaria e Finanziaria Paolo Baffi, Università Bocconi, Milano, n.137, 2000.
- Measuring Core Inflation in the Euro Area, European Central Bank Working Paper Series, n.36, 2000.
- Core Inflation in the Euro Area, Quaderni del Dipartimento di Scienze Economiche e Finanziarie "G. Prato", Università degli Studi di Torino, Facoltà di Economia, n.52, 2001.
- Stock Market Reaction to Regulatory Price Review in the English and Welsh Water Industry (con Sawkins, J.), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no.12/2001.
- An Empirical Investigation of Long-Run Growth in the UK, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no.13/2001.
- IGARCH Effects: an Interpretation, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no.14/2001.
- Stock Market Reaction to Regulatory Price Review in the English and Welsh Water Industry (con Sawkins, J.), Discussion Papers in Economics, Heriot Watt University, no.5/2001.
- Inflation Modelling in the Euro Area (con F.C. Bagliano, R. Golinelli), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no.17/2002.
- Inflation Modelling in the Euro Area (con F.C. Bagliano, R. Golinelli), Quaderni del Dipartimento di Scienze Economiche e Finanziarie "G. Prato", Università degli Studi di Torino, Facoltà di Economia, no. 62/2002.
- Structural Change and Long Range Dependence in Volatility of Exchange Rates: Either, Neither or Both? (con A. Beltratti), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no.18/2002.
- Breaks and Persistency: Macroeconomic Causes of Stock Market Volatility (con A. Beltratti), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no.19/2002.

- Common Persistent Factors in Inflation and Excess Nominal Money Growth and a New Measure of Core Inflation, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no.20/2002.
- Monetary Policy and the Stock Market in the Euro Area (con N. Cassola), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no.21/2002.
- Monetary Policy and the Stock Market in the Euro Area (con N. Cassola), European Central Bank Working Paper Series, 2002/119.
- SuperExogeneity and Forecasting Energy Demand with High and Low Frequency Data (con McAvinchey, I.D.), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no.35/2002.
- Long-Run Growth and Income Distribution: Evidence from Italy and the US, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no.42 /2002.
- The Japanese Stagnation: an Assesment of the Productivity Slowdown Hypothesis, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 43/2002.
- Frequency Domain Principal Components Estimation of Fractionally Cointegrated Processes, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 44/2002.
- A Strucutural Common Factor Approach to Core Inflation Estimation and Forecasting, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 54/2003.
- Interest Rate Volatility in the Euro Area: Evidence from High Frequency Data, (con Cassola, N.), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 55/2003.
- Interest Rate Volatility in the Euro Area: Evidence from High Frequency Data, (con Cassola, N.), European Central Bank Working Paper Series, no. 2003/235.
- Stock Market Volatility of Regulated Industries: An empirical Assessment, (con Sawkins, J.), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no.62/2003.
- Il Mercato Azionario Influenza la Distribuzione del Reddito?, (con Beltratti, A.), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no.63/2003.
- A Strucutural Common Factor Approach to Core Inflation Estimation and Forecasting, European Central Bank Working Paper Series, no.305/2004.
- Frequency Domain Principal Components Estimation of Fractionally Cointegrated Processes, European Central Bank Working Paper Series, no. 321/2004.
- Regional Convergence in Italy: 1951-2000, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 76/2004.
- The Japanese Deflation: Has It Had Real Effects? Could It Have Been Avoided?, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 87/2004; ICER Working Paper Series, no. 29/2004.
- Inflation and Monetary Dynamics in the US: A Quantity-Theory Approach (con F.C. Bagliano), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 88/2004; Quaderno di Ricerca del Dipartimento di Scienze Economiche e Finanziarie, Università di Torino, n.79/2004.
- The Price Stability Oriented Monetary Policy of the ECB: An Assessment, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 92/2004.
- Statistical Benefits of Value at Risk with Long Memory (con A. Beltratti), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 98/2005.
- Structural Breaks and Common Factors in the Volatility of the Fama-French Factor Portolios (con A. Beltratti), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 105/2005; ICER Working Paper Series, no. 23/2005.
- Does the Stock Market Affect Income Distribution? Some Empirical Evidence for the US (con A. Beltratti), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 106/2005; ICER Working Paper Series, no. 24/2005.
- A Small Scale Macroeconometric Model for the Euro-12 Area, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 107/2005; ICER Working Paper Series, no. 25/2005.
- Do Hedge Funds Increase Market Efficiency (con A. Beltratti), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 111/2005.

- Comovements in International Stock Markets (con A. Beltratti), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 1/2006; ICER Working Paper Series, no. 3/2006.
- The End of the Japanese Stagnation: An Assessment of the Policy Solutions, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 8/2006; ICER Working Paper Series, no. 27/2006.
- International Stock Markets Comovements: the Role of Economic and Financial Integration, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 9/2006; ICER Working Paper Series, no. 25/2006.
- Estimating Long Memory in the Mark-Dollar Exchange Rate with High Frequency Data, (con A. Beltratti), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 10/2006.
- Structural Approach to Bidding in the Main Refinancing Operations of the Eurosystem (con N. Cassola and C. Ewerhart), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 11/2006; ICER Working Paper Series, no. 26 10/2006; ECB Working Paper Series, no. 793/2007.
- A New Approach to Factor Vector Autoregressive Estimation with an Application to Large Scale Macroeconometric Modelling (con F.C. Bagliano), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 15/2006; Quaderni della Fondazione Real Collegio 28/2006.
- Multivariate Modelling of Long Memory Processes with Common Components, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 03/2007; ICER Working Paper Series, no. 40/2006.
- Net Inflows and Time-Varying Alphas: The Case of Hedge Funds (con A. Beltratti), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 14/2006; ICER Working Paper Series, no. 30/2006.
- International Macroeconomic Dynamics: A Factor Vector Autoregressive Approach (con F.C. Bagliano), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 5/2007; ICER Working Paper Series, no. 41/2006, Quaderni della Fondazione Real Collegio 32/2006.
- International Stock Markets Comovements: the Role of Economic and Financial Integration (revision), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 4/2007; ICER Working Paper Series, no. 25/2006.
- Business Cycle Comovements in the G-7: Common Shocks or Common Trasmission Mechanisms? (con F.C. Bagliano), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 6/2007; Quaderni della Fondazione Real Collegio 40/2007.
- Factor Demand Modeling: The Theory and the Practice, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 7/2007; ICER Working Paper Series, no. 9/2007.
- Comovements in Volatility in the Euro Money Market (con N. Cassola), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 8/2007; ECB Working Paper Series, no. 703/2007; ICER Working Paper Series, no. 7/2007.
- An Omnibus Noise Filter, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 9/2007.
- On the Macroeconomic Causes of Exchange Rate Volatility, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 10/2007; ICER Working Paper Series, no. 8/2007.
- Modeling Long Memory and Structural Breaks in Conditional Variances: An Adaptive FIGARCH Approach (con R.T. Baillie), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 11/2007; ICER Working Paper Series, no. 11/2007.
- Estimating, Filtering and Forecasting Realized Betas, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 12/2007; ICER Working Paper Series, no. 6/2007.
- Realized Portfolio Selection in the Euro Area, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 26/2007, ICER Working Paper Series, no. 10/08.

- Realized Betas and the Cross-Section of Expected Returns, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 27/2007, ICER Working Paper Series, no. 14/08.
- International Shocks and National House Prices (with A. Beltratti), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 09/2008, ICER Working Paper Series, no. 15/08.
- Modeling Short Term Interest Rate Spreads in the Euro Money Market (with N. Cassola), ECB Working Paper Series, no. 982/2008, , Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 10/2009.
- Investigating Inflation Dynamics and Structural Change with an Adaptive ARFIMA Approach (with R.T. Baillie), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 11/2009, ICER Working Paper Series, no. 06/09.
- Permanent and Transitory Dynamics in House Prices and Consumption: Some Implications for the Real Effects of the Financial Crisis (with F.C. Bagliano), Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 09/2009.
- The Effects of US Economic and Financial Crises on Euro Area Convergence (con F.C. Bagliano), Quaderni del Dipartimento di Scienze Economiche e Finanziarie "G. Prato", Università degli Studi di Torino, Facoltà di Economia, no. 15/2010, CeRP Working Paper, no. 99/10.
- The 2007-? Financial Crisis: A Money Market Perspective, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 6/2010, CeRP Working Paper Series, no. 102/10, ICER Working Paper Series, no. 35/10 .
- The Great Recession: US Dynamics and Spillovers to the World Economy, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 16/2010, CeRP Working Paper Series, no. 103/10. ICER Working Paper Series, no. 34/10.
- Heteroskedastic Factor Vector Autoregressive Estimation of Persistent and Non Persistent Processes Subject to Structural Breaks, Quaderni del Dipartimento di Scienze Economiche e Metodi Quantitativi, Università del Piemonte Orientale, no. 2011, ICER Working Paper Series, no. 36/10.
- Oil price dynamics, macro-finance interactions and the role of financial speculation, FEEM Nota di Lavoro 7/2012; DEMS Working Paper Series, no. 225/2012.
- The oil price-macroeconomy relationship since the mid-1980s: A global perspective, FEEM Nota di Lavoro 28/2012; DEMS Working Paper Series, no. 223/2012.
- Determinants of US Financial fragility conditions, DEMS Working Paper Series, no. 224/2012.
- Factor Vector Autoregressive Estimation of Heteroskedastic Persistent and Non Persistent Processes Subject to Structural Breaks: New Insights on the US OIS Spreads Term Structure, DEMS Working Paper Series, no. 233/2013.
- Insights on the Global Macro-Finance Interface: Structural Sources of Risk Factors Fluctuations and the Cross-Section of Expected Stock Returns, University of Milan Bicocca Department of Economics, Management and Statistics Working Paper No. 264. Available at SSRN: http://ssrn.com/abstract=2373542 or http://dx.doi.org/10.2139/ssrn.2373542.
- New Insights on the US OIS Spreads Term Structure During the Recent Financial Turmoil, Center for Research on Pension and Welfare Policies Working Paper No. 137/13. Available at SSRN: http://ssrn.com/abstract=2245644 or http://dx.doi.org/10.2139/ssrn.2245644.
- Factor Vector Autoregressive Estimation of Heteroskedastic Persistent and Non Persistent Processes Subject to Structural Breaks, University of Milan Bicocca Department of Economics, Management and Statistics Working Paper No. 273/2014.
- It ain't over till it's over: A global perspective on the Great Moderation Great Recession interconnection (with F.C. Bagliano), University of Milan Bicocca Department of Economics, Management and Statistics Working Paper No. 303/2015; Carlo Alberto Notebook No. 424/2015.
-Model Averaging by Stacking, University of Milan Bicocca Department of Economics, Management and Statistics Working Paper No. 310/2015.
-Financial deepening and income distribution inequality in the euro area, Donatella Baiardi and Claudio Morana, University of Milan Bicocca Department of Economics, Management and Statistics Working Paper No. 316/2015/CERP WP No.153/15.
-Semiparametric Estimation of Multivariate GARCH Models, University of Milan Bicocca Department of Economics, Management and Statistics Working Paper No. 317/2015.

-The US$/€ exchange rate: Structural modeling and forecasting during the recent financial crises, Claudio Morana, University of Milan Bicocca Department of Economics, Management and Statistics Working Paper No. 321/2015/CERP WP No.155/16.
- Macroeconomic and Financial Effects of Oil Price Shocks: Evidence for the Euro Are s, Claudio Morana, University of Milan Bicocca Department of Economics, Management and Statistics Working Paper No. 330/2016/CERP WP No.158/16/FEEM Working Paper No. 23.2016.
-Temperature Anomalies, Radiative Forcing and ENSO, Claudio Morana and Giacomo Sbrana, University of Milan Bicocca Department of Economics, Management and Statistics Working Paper No. 361/FEEM Working Paper No. 9.2017.
-Some Financial Implications of Global Warming, Claudio Morana and Giacomo Sbrana, University of Milan Bicocca Department of Economics, Management and Statistics Working Paper No. 377/18; FEEM Working Paper No. 1/18; CeRP 175/18; RCEA WP No. 09/18.
- Regularized semiparametric estimation of high dimensional dynamic conditional covariance matrices, University of Milan Bicocca Department of Economics, Management and Statistics Working Paper No. 382/18.

Aggiornamento: Giugno 2018

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