Laurent Ferrara

Banque de France
International MacroeconomicsDivision
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French

Update : Dec.2014

Current positions

Head of International Macroeconomics Division,Banque de France
Adjunct Professor of Economics, University of Paris Ouest Nanterre
Board of Directors, International Institute of Forecasters
Research fellow, EconomiX, CNRS - University of Paris Ouest Nanterre
Associate Editor, International Journal of Forecasting

Education

Research Habilitationin Economics, December 2007, University Paris 1 -Panthéon - Sorbonne. Supervisor : T. Chauveau (Univ. Paris 1), Referees : M. Billio (Univ. Ca Foscari, Venice), C. Bordes (Univ. Paris 1), G. Cette (Univ. Aix-Marseille 2), C. de Boissieu(Univ.Paris 1) and D. Guégan (Univ.Paris 1)

PhD Thesis in Econometrics, December 2000, University Paris 13
Supervisor: D.Guégan (University Paris 1), Referees: P.M Robinson (LSE, London) and C. Starica (Chalmers University, Sweden)

MSc in Statistics,June 1996, University Montpellier 2

Professional Experience

Since January 2014
Head of Division, International Macroeconomics Division, *Banque de France*

Since May 2012
Board of Directors, *International Institute of Forecasters (IIF)*

Since September 2011
Adjunct Professor of Economics, *University of Paris Ouest Nanterre*

Since January 2010
Research fellow, *EconomiX (CNRS – University Paris Ouest Nanterre), Financial and Banking Axis*

October 2010 – December 2013
Deputy Head of Division, International Macroeconomics Division, *Banque de France*

April 2007 – September 2010
Economist-Researcher, Euro Area Outlook Division, *Banque de France*

January 2006 – December 2009
Research fellow, *Centre d'Economie de la Sorbonne (CNRS – Univ. Paris 1), Financial and Banking Axis*

January 2005 – December 2007
Associate Professor of Econometrics, *EcoleNormaleSupérieure in Cachan, Economics and Management Department*

December 2000 – March 2007
Economist-Researcher, *Centre d'ObservationEconomique, Chamber of Commerce in Paris*

December 1997 – November 2000
Analyst and Forecast Manager, *RATP, Economics Studies Department*

Teaching Experience

Current

University Paris Ouest Nanterre

Advanced Time Series / Applied Macro Modelling / Seminar in International Macroeconometrics

Past

EcoleNationaleSupérieure des Techniques Avancées (Engineer School, French Grande Ecole), 2000-2010, in charge of the Statistics Module for the MsC Degree, *University Paris 1 – Panthéon - Sorbonne*, 2007-2008, Master in Quantitative Economic Methods, *University Paris 2*, 2004-2006,MSc in Econometrics; *EcoleNormaleSupérieure de Cachan*, 2005-2007, Associate Professor of Econometrics; *PôleUniversitaire Léonard de Vinci*, 2001-2002, Quantitative Finance ;*University of Reims*, 2000-2001, MSc in Statistics; *ENSAE*, 1999-2000, Statistical Software

Publications

Book

Analyser les Séries Chronologiques avec S-Plus : une Approche Paramétrique, Collection « Pratique de la Statistique », Presses Universitaires de Rennes, 147 pages (with D. Guégan, 2002)

Special Issues Edition

Forecasting Business Cycles, *International Journal of Forecasting*, forthcoming (with D. van Dijk, 2014)

Peer--ReviewPapers

1. Macroeconomic forecasting during the Great Recession: the return of non-linearity?, *International Journal of Forecasting*, forthcoming (with M. Marcellino and M. Mogliani, 2015)

2. A new monthly chronology of the US industrial cycles in the prewar economy, *Journal of Financial Stability*, forthcoming (with A. Charles, O. Darné, C. Diebolt, 2015)

3. Comparing the shapes of recoveries: France, the UK and the US, *Economic Modelling*, 44, 327-335, January 2015 (with F. Bec and O. Bouabdallah, 2015).

4. Explaining US Employment Growth after the Great Recession: The role of Output-Employment Non-linearities, *Journal of Macroeconomics*, 42, 118-129 (with M.D. Chinn and V. Mignon, 2014)

5. Forecasting Business Cycles, *International Journal of Forecasting*, 30, 3, 517-519 (with D. van Dijk, 2014)

6. The way out of recessions: Evidence from a bounce-back augmented threshold regression, *International Journal of Forecasting*, 30, 3, 539-549 (with F. Bec and O. Bouabdallah, 2014)

7. Forecasting growth during the Great Recession: is financial volatility the missing ingredient?,*Economic Modelling*, 36 (C), 44-50 (with J.-P. Ortega and C. Marsilli, 2014)

8. Dynamic factor models: A review of the literature, *Journal of Business Cycle Management and Analysis*, 2013, 2, 73-107 (with K. Barhoumi and O. Darné, 2013)

9. Comments on: Examining the quality of early GDP component estimates, *International Journal of Forecasting*, 29, 751-753 (2013)

10. Evaluation of regimeswitching modelsfor real-time business cycle analysis of the euro area, *Journal of Forecasting*, 32, 7, 577-586(with M. Billio, D. Guégan and G.L. Mazzi, 2013)

11. Testing the number of factors: An empirical assessment for forecasting purposes, *Oxford Bulletin of Economics and Statistics*, 75, 1, 64-79 (with K. Barhoumi and O. Darné, 2013)

12. Financial variables as leading indicators of GDP growth: Evidence from a MIDAS approach during the Great Recession, *Applied Economics Letters*, 20, 3, 233-237 (with C. Marsilli, 2013).

13. Une revue de la littérature des modèles à facteurs dynamiques, *Economie et Prévision*, No. 199, 2012/I, 51-77 (with K. Barhoumi and O. Darné, 2012)

14. Macro-financial linkages and business cycles: A factor-probit approach, *Economic Modelling*, 29, 1793-1797 (with C. Bellégo, 2012)

15. Monthly GDP forecasting using bridge models: Comparison from the supply and demand sides for the French economy, *Bulletin of Economic Research,* 64, s53-s70 (with K. Barhoumi, O. Darné and B. Pluyaud, 2012)

16. Identification of slowdowns and accelerations for the euro area economy, *Oxford Bulletin of Economics and Statistics*, 73, 3, 335-364 (with O. Darné, 2011)

17. Testing fractional order of long memory processes: a Monte Carlo study, *Communications in Statistics – Simulation and Computation*, 39, 4, 795-806 (with D. Guégan and Z. Lu, 2010)

18. Les variables financières sont-elles utiles pour anticiper la croissance économique ? Quelques évidences économétriques, *Revue Economique,* Vol. 61, No. 3, pp.645-656(2010)

19. Nowcasting Euro area GDP with ragged-edge data: A semi-parametric approach, *Journal of Forecasting*, Vol. 29, No. 1-2, pp. 186-199 (with D. Guégan and P. Rakotomarolahy, 2010)

20. Are disaggregate data useful for forecasting French GDP with dynamic factor models ?*Journal of Forecasting,* Vol. 29, No. 1-2, pp. 132-144 (with K. Barhoumi and O. Darné, 2010)

21. Un indicateur probabiliste du cycle d'accélération pour l'économie française, *Economie et Prévision*, No. 189, pp. 93-114 (with M. Adanero-Donderis and O. Darné, 2009)

22. Caractérisation et datation des cycles économiques en zone Euro, *Revue Economique*, Vol. 60, No. 3, pp. 703-712 (2009).

23. A system for dating and detecting turning points in the euro area, *The Manchester School*, Vol. 76, No. 5, pp. 549-577 (with J. Anas, M. Billio and G.-L. Mazzi, 2008)

24. Business surveys modelling with Seasonal-Cyclical Long Memory models, *Economics Bulletin*, Vol. 3, No. 29, pp. 1-10 (with D. Guégan, 2008)

25. Point and interval nowcasts of the euro area IPI, *Applied Economics Letters,* Vol. 14, No. 2, pp. 115-120 (2007)

26. Detection of the industrial business cycle using SETAR models, *Journal of Business Cycle Measurement and Analysis*, Vol. 2, No. 3, pp. 353-372. (with D. Guégan, 2005).

27. Turning points detection: The ABCD approach and two probabilistic indicators, *Journal of Business Cycle Measurement and Analysis*, Vol. 1, No. 2, pp. 1-36. (with J. Anas, 2004)

28. Un outil d'évaluation de la localisation des entreprises industrielles, *Economie Internationale*, No. 99, pp. 91-112(with A. Henriot, 2004).

29. A three-regime real-time indicator for the US economy, *Economics Letters*, Vol. 81, No. 3, pp. 373-378. (2003)

30. Forecasting with k-factor Gegenbauer processes: Theory and applications, *Journal of Forecasting*, Vol. 20, pp. 581-601. (with D. Guégan, 2001)

31. Analyse d'intervention et prévisions. Problématique et applications à des données de la RATP, *Revue de Statistique Appliquée*, Vol. XLVIII, No. 2, p.55-72. (with D. Guégan, 2000)

Chapters in Books

1. Common business and housing markets cycles in the euro area from a multivariate decomposition, in *Housing Markets in Europe: A Macroeconomic Perspective,* O. De Bandt, T. Knetsch, J. Peñalosa and F. Zollino (eds.), Springer. (with S.J. Koopman, 2010)

2. Housing cycles in the major euro area countries, in *Housing Markets in Europe: A Macroeconomic Perspective,* O. De Bandt, T. Knetsch, J. Peñalosa and F. Zollino (eds.), Springer. (with L. Alvarez, A. Cabrero, G. Bulligan and H. Stahl, 2010)

3. Cyclical relationships between GDP and housing market in France: Facts and factors at play, in *Housing Markets in Europe: A Macroeconomic Perspective,* O. De Bandt, T. Knetsch, J. Peñalosa and F. Zollino (eds.), Springer. (with O. Vigna, 2010)

4. La compétitivité hors prix des biens sur le marché européen, in*Evolution Récente du Commerce Extérieur Français*, P. Artus and L. Fontagné (eds.), Rapport No. 64, Conseil d'Analyse Economique by the French Prime Minister, November 2006.

5. Real-time detection of the business cycle using SETAR models, in *Growth and Cycle in the Euro-zone*, G.L. Mazzi and G. Savio (eds.), Palgrave-MacMillan, New-York, November 2007, (withD. Guégan)

6. Euro-zone business cycle analysis with multivariate Markov-Switching models, in *Growth and Cycle in the Euro-zone*, G.L. Mazzi and G. Savio (eds.), Palgrave-MacMillan, New-York, 2007(with M. Billio, J. Anas et M. LoDuca)

7. A turning point chronology for the Euro-zone classical and growth cycle, in *Growth and Cycle in the Euro-zone*, G.L. Mazzi and G. Savio (eds.), Palgrave-MacMillan, New-York, 2007(with M. Billio, J. Anas et M. LoDuca)

8. Quelle est l'image des entreprises françaises à l'étranger et quelles sont leurs performances à l'exportation ?, in : *Les Entreprises Françaises 2006*, Chapitre 6, pp. 99-112, C. de Boissieu et C. Deneuve (eds.), Economica, Paris. (with A. Henriot, article annuel de 2001 à 2006)

9. A comparative assessment of parametric and non parametric turning points detection methods : the case of the Euro-zone economy, in *Monographs of Official Statistics : Statistical Methods and Business Cycle Analysis of the Euro zone*, G.L. Mazzi and G. Savio (eds.), Eurostat, pp. 86-121. (with J. Anas, 2004)

10. Comparison of parameter estimation methods in cyclical long memory time series, in : *Developments in Forecast Combination and Portfolio Choice*, Chapter 8, C. Dunis, J. Moody and A. Timmermann (eds.), Wiley, New York. (with D. Guégan, 2001)

11. Forecasting financial time series with generalized long memory processes, in :*Advances in Quantitative Asset Management*, p.319-342, C.L. Dunis (ed.), Kluwer Academic Publishers. (with D. Guégan, 2000)

Non-ReferredPapers

1. Etats-Unis : la faiblesse de la reprise n'explique pas entièrement celle de l'emploi, Blog du CEPII, 6 juin 2013.

2. Prévoir le cycle économique. Synthèse du huitième séminaire de l'International Institute of Forecasters organisé par la Banque de France les 1er et 2 décembre 2011 à Paris, *Bulletin de la Banque de France***,** issue 187, pages 63-69.

3. The impact of the earthquake of March 11th on the Japanese economy and the rest of the world, *Banque de France Bulletin*, Quarterly Selection of Articles, Spring 2011 (coordinated with E. Herrmann)

4. What is the gold standard?, *Focus*, No 5, Banque de France, November 2010 (with G. Cheng, Y. Kalantzis and P. Towbin)

5. Housing markets after the crisis : lessons for the macroeconomy, *Banque de France Bulletin*, Quarterly Selection of Articles, Spring 2010 (with O. de Bandt et O. Vigna)

6. Les marchés immobiliers après la crise : quelles leçons pour la macroéconomie ?, *Bulletin de la Banque de France*, No. 179, 1er trimestre 2010 (with O. de Bandt et O. Vigna)

7. L'apport des indicateurs de retournement cyclique à l'analyse conjoncturelle, *Bulletin Mensuel de la Banque de France*, March 2008

8. OPTIM : un outil de prévision trimestrielle du PIB de la France, *Bulletin Mensuel de la Banque de France*, March 2008 (with K. Barhoumi, O. Darné et B. Pluyaud)

9. Positionnement cyclique des économies, *Diagnostics*, Coe-Rexecode, No. 2, pp. 9-23, January 2007(with J. Anas)

10. Un indicateur d'entrée et sortie de récession pour la zone euro, *Diagnostics*, Coe-Rexecode, No. 2, pp. 55-62, January 2007

11. Quels enseignements tirer d'un retour du déficit commercial ?, *Le Monde de l'Economie* du 5 April 2005, (with J. Anas et A. Henriot)

12. La diffusion d'une récession ne se fait pas de manière identique selon les pays, interview publiée dans*Le Monde de l'Economie*, 22 October 2003, (with J. Anas)

13. La France, bien placée dans la compétition internationale, *Le Monde de L'Economie*, 2ndFebruary 2002 (with J. Anas et A. Henriot)

14. La compétitivité hors prix des produits français, *Actualités du Commerce Extérieur*, No. 44, p. 22-28, March-April 2002 (with J. Anas)

Working Papers

1. Nowcasting global economic growth: A factor-augmented mixed-frequency approach,Working Paper No. 515, Banque de France (with C. Marsilli, 2014)
2. Does the Great Recession implies the end of the Great Moderation? International evidence, EconomiX Working Paper, No. 2014-21, University Paris West Nanterre (with A. Charles and O. Darné, 2014)
3. Post-recession US Employment through the Lens of a Non-linear Okun's law, NBER Working Paper No. 19047, May 2013 (with M. Chinn and V. Mignon, 2013).
4. Forecasting growth during the Great Recession: is financial volatility the missing ingredient?, Working Paper No. 434, Banque de France (with J.-P. Ortega and C. Marsilli, 2013)
5. Une revue de la littérature des modèles à facteurs dynamiques, Working Paper No. 430, Banque de France, March 2013 (with K. Barhoumi and O. Darné, 2013)
6. Macroeconomic forecasting during the Great Recession: The return of non-linearity? , Working Paper No. 383, Banque de France, May 2012 and CEPR Discussion Paper No. DP9313, January 2013 (with M.Marcellino and M. Mogliani, 2013).
7. Financial variables as leading indicators of GDP growth: Evidence from a MIDAS approach during the Great Recession, EconomiX Working Paper (with C. Marsilli, 2012).
8. The European way out of recessions, Working Paper No. 360, Banque de France, January 2012 and Working Paper THEMA No. 2011-23, University of Cergy (with F. Bec and O. Bouabdallah, 2011)
9. The possible shapes of recovery in Markov-Switching models, Working Paper No. 321, Banque de France and Working Paper No. 2011-02, CREST-INSEE (with F. Bec and O. Bouabdallah, 2011)
10. A new monthly chronology of the US industrial cycles in the prewar economy, *EconomiX Working Paper* No. 2011-27, University Paris Ouest Nanterre (with A. Charles, O. Darné, C. Diebolt, 2011)
11. Common business and housing markets cycles in the euro area from a multivariate decomposition,*Working Paper Banque de France*, No. 275. (with S.J. Koopman, 2010)
12. A factor-augmented probit model for business cycle analysis, *EconomiX Working Paper*,No. 2010-14, University Paris Ouest Nanterre (with C. Bellégo, 2010)
13. Housing cycles in the major euro area countries,*Working Paper Banque de France*, No. 269and *Occasional Paper Banco de Espana*, No. 1001 (with L. Alvarez, A. Cabrero, G. Bulligan and H. Stahl, 2009)
14. Cyclical relationships between GDP and housing market in France: Facts and factors at play,*Working Paper Banque de France*, No. 268 (with O. Vigna, 2009)
15. Forecasting euro area recessions using time-varying binary response models for financial variables,Working Paper Banque de France, No. 259 (with C. Bellégo, 2009).
16. Evaluation of nonlinear time-series models for real-time business cycle analysis of the euro area, Working Paper No. 09053, University Paris 1 Pantheon Sorbonne. (with Billio, Guégan and Mazzi, 2009)

17. Nowcasting Euro area GDP with ragged-edge data: A semi-parametric approach,Working Paper No. 2008.82, Centre d'Economie de la Sorbonne(with D. Guégan and P. Rakotomarolahy, 2008).

18. Identification of slowdowns and accelerations for the euro area economy,Working Paper No. 239, Banque de France, June 2009 and CEPR Discussion Paper No. 7376, CEPR/EABCN No. 42/2009, July 2009 (with O. Darné, 2009).

19. Are disaggregate data useful for forecasting French GDP with dynamic factor models ?,Working Paper, No. 232, Banque de France, February 2009 (with K. Barhoumi and O. Darné, 2009).

20. Business surveys modelling with Seasonal-Cyclical Long Memory models, Working Paper No. 224, Banque de France, and Document de Travail No. 2008.35, Centre d'Economie de la Sorbonne, University Paris 1 (with D. Guégan, 2008)

21. Monthly forecasting for French GDP: A revised version of the OPTIM model, Working Paper No. 222, Banque de France,(with K. Barhoumi, O. Darné et B. Pluyaud, 2008)

22. A non-parametric method to assess the conditional nowcasted distribution of the Euro area IPI, Document de Travail No. 2008.33, Centre d'Economie de la Sorbonne (with T. Raffinot, 2008).

23. Testing fractional order of long memory processes : A Monte-Carlo study, Document de Travail No. 2008.12, Centre d'Economie de la Sorbonne (with D. Guégan et Z. Lu, 2008)

24. Business cycle analysis with multivariate markov-Switching models, University of Venice Ca' Foscari, Department of Economics, Working Paper No. 32, (2007;with M. Billio, J. Anas et M. LoDuca)

25. A turning point chronology for the Euro-zone classical and growth cycles, University of Venice Ca' Foscari, Department of Economics, Working Paper No. 33, (2007; with M. Billio, J. Anas et M. LoDuca)

26. Deux indicateurs probabilistes de retournement cyclique pour l'économie française,Working Paper No. 187, Banque de France, November 2007 (with M. Adanero-Donderis et O. Darné)

27. Un nouvel indicateur d'entrée et sortie de récession pour la zone euro, Working Paper No. 72, Centre d'Observation Economique, July 2006.

28. A real-time recession index for the Euro area, Working Paper, Centre d'Observation Economique, July2006.

29. Price and Volume: Which one is the best to predict financial crisis? The case of some Asian and Latin America markets, Working Paper 2006-5, Centre d'Economie de la Sorbonne

30. Fractional seasonality : Models and applications to economic activity in the euro area, Eurostat Working Paper (with D. Guégan)

31. Point and interval nowcasts of the euro area IPI, preprint No. 04-2005, IDHE-MORA, ENS-Cachan (2005).

32. La compétitivité hors prix des biens de consommation sur le marché européen en 2004, Working Paper No. 70, Centre d'Observation Economique, June 2005.

33. Real-time detection of economic cycles using a threshold model, preprint No. 12-2003, IDHE-MORA, ENS Cachan (with D. Guégan, 2004).

34. L'image des biens intermédiaires et d'équipement sur le marché européen en 2003, Working Paper No. 66, Centre d'Observation Economique (2004).

35. Euro-zone business cycle analysis with multivariate Markov-Switching models, Eurostat Working Paper, October 2003 (with M. Billio, J. Anas et M. LoDuca)

36. A turning point chronology for the Euro-zone classical and growth cycle, Eurostat Working Paper, October 2003 (with M. Billio, J. Anas et M. LoDuca)

37. L'image des biens de consommation sur le marché européen en 2002, Working Paper No. 63, Centre d'Observation Economique, July 2003.

38. Un indicateur d'entrée et sortie de récession : Application aux Etats Unis, Working Paper No. 58, Centre d'Observation Economique (with J. Anas, 2002)

39. L'image des biens intermédiaires et d'équipement sur le marché européen en 2001, Working Paper No. 57, Centre d'Observation Economique (2002).

40. L'image des biens de consommation sur le marché européen en 2000, Working Paper No. 54, Centre d'Observation Economique (2001).

41. Forecasting with k-factor Gegenbauer processes: theory and applications, Working Paper, University Paris 13 (with D. Guégan, 2000)

42. Gegenbauer processes: Estimation and applications, Working Paper CREST-INSEE (with D. Guégan, 1999)

Conferences and Workshops

March 2014 in Frankfurt, ECB International Macro Seminar; May 2014 in Madrid, Bank of Spain seminar, June 2014 in Rotterdam, ISF14.

May 2013 in Paris, EABCN-BdF Conference; June 2013 in Seoul, ISF2013; October 2013 in Oslo, Norges Bank seminar; December 2013 in London, Computational and Financial Econometrics 2013.

April 2012 in Paris, International workshop on Nonlinearities and Asymmetries in Economic Modelling, May 2012 in Frankfurt, ECB Workshop on Forecasting Techniques, June 2012 in Boston, ISF2012, December 2012 in Mannheim, Germany, ZEW workshop on "Non-linear economic modelling: Theory and applications", invited speaker

January 2011 in Verbier, Switzerland, IIF Workshop;March 2011 in Nancy, BETA seminar; May 2011 in Paris, Fourgeaudseminar at French Ministry of Finances; June 2011 in Prague, 31st International Symposium on Forecasting; September 2011 in Paris, AFSE Conference; December 2011 in London, CFE11.

September 2010 in Paris, AFSE Conference; June 2010 in San Diego, 30th International Symposium on Forecasting ; June 2010 in Rome, International Cooperation Seminar on "Macroeconomic Modelling and Forecasting" ; April 2010 in Paris, Working Group on Risk, ESSEC Business School; Mars 2010 in Venice, Internal Seminar, Department of Econometrics, University Ca Foscari; Mars 2010 in Nantes, Workshop on Financial Econometrics, University of Nantes;

December 2009 inParis,Conference*Macroeconomics of Housing Markets*organised by Banque de France; November 2009 in Paris, Journéesd'Econométrie, Université Paris-Ouest Nanterre ; October 2009 in Paris, Internal Seminar Banque de France ; September 2009 in Antwerp, ECB Working Group on Forecasting; September 2009 in Paris, AFSE Conference (French Association in Economics) ; June 2009 inHong Kong, 29th International Symposium on Forecasting; June 2009 in Paris, Macro-Peco seminar, DGTPE, French Ministry of Finance ; June 2009 in Clamart, France, Electricité de France, Research-Development Internal Seminar; April 2009 inParis, Internal Seminar Banque de France. ; March 2009 in Frankfurt, 10th EABCN Workshop on Uncertainty over the Business Cycle; March 2009 in Rome, 1rst Macroeconomic Forecasting Conference, ISAE-INSEE-IFO

October 2008 in Paris, Chairman of International Workshop on Forecasting Macroeconomic Variables with Dynamic Factor Models, organized by Banque de France; September2008 in Roma, Italy, Workshop on Short-Term Forecasting Tools, Bancad'Italia; September2008 in Aarhus, Danmark, NBER-NSF Conference; September 2008 in Luxembourg, Colloquium on Modern Tools for Business Cycle Analysis, Eurostat; September2008 inParis, AFSE Conference (French Association in Economics); June2008 in Nice, France, Invited Session Chairman, 28thInternational Symposium on Forecasting

December 2007, OrganizerseminarMonnaie, Banque, Finance et Assurance, Centre d'Economie de la Sorbonne University Paris 1 : « Central Banking » (with L. Ferrara, O. De Bandt) ; February 2007, OrganizerSeminar Monnaie, Banque, Finance et Assurance, Centre d'Economie de la Sorbonne: « Non-linearmodels for business cycle analysis » (with L. Ferrara, R. Casarin et M. Lemoine)

June2006 in Santander, Spain, *26rth International Symposium on Forecasting*, IIF, Session chairman ; May2006 in Luxembourg, *Conference for Seasonality, Seasonal Adjustement and their Implications for Short-Term Analysis and Forecasting,* Eurostat.

June2005 in Paris, Working Group on French External Trade, Conseild'AnalyseEconomiqueby the Prime Minister; March2005 in Brussels, *Economic Seminar*, European Commission DG-EcFin; February2005 inENSCachan, *International Workshop on Forecasting in Finance*, IDHE-MORA

September2004 in Paris, *Forum Economique International*, Fédération des Industries Mécaniques

November2003 inl'ENSCachan, *International Workshop on Models with Breaks in Economics and Finance*; October2003 in Luxembourg, *4th Colloquium on Modern Tools for Business Cycle Analysis*, Eurostat; September2003 in Frankfurt, Germany, Internal seminar European Central Bank; June2003 in Merida, Mexique, *23rd International Symposium on Forecasting*, IIF.

November2002 in Luxembourg, *3rd Colloquium on Modern Tools for Business Cycle Analysis*, Eurostat; October2002 in Taipei, Taiwan, *26th CIRET Conference;* October 2002 at ENS Cachan, *Seminar MORA Team;* July2002 in Luxembourg, *Euro-Indicators Working Group, 6th*Meeting, organised by Eurostat; February 2002 at UniversityParis 13, *Séminaire de Probabilités-Statistiques Paris Nord.*

June2000 in Lisbon, Portugal, *20th International Symposium on Forecasting*, organised by IIF; May2000 in London, UK, *7th International Conference on Forecasting Financial Markets;* April2000 in Aix en Provence, *Colloque des JeunesEconomètres 2000;* January 2000 in Reims, Seminar of Statistics, University de Reims – Champagne,

May1999 in London, UK,*6th International Conference on Forecasting Financial Markets;* May1999 in Grenoble, *31èmesJournées de Statistique*, organised by SociétéFrançaise de Statistique.

December 1998 at ENSAE, Paris, *Statistical Seminar CREST-INSEE;* November1998 in Marseille, *19èmes Rencontres Franco-Belges de Statisticiens*

Scientific Activities

<u>Colloquium organization</u>:

- Scientific Committee, EC^2 Conference in Barcelona, December 2014
- Organizer, Workshop on "Expectations and Forecasting in International Macro", Banque de France and ESSEC Business School, Paris, December 10, 2014.
- Scientific Committee, EC^2 Conference in Cyprus, December 2013
- Session Organizer, CFE13 in London, December 2013.
- Program Committee,33rdInternational Symposium on Forecasting, Seoul, June 2013.
- Scientific Committee, WIPFOR, EDF, Paris, June 2013
- Co-organizer, EABCN-Paris School of Economics –Banque de France Conference on "Global spillovers and economic cycles", Banque de France, May 30-31, 2013
- Co-organizer, International workshop on "Oil and the Macroeconomy", Banque de France, Paris, April 12, 2012.
- Co-organizer, International workshop on "Nonlinearities and Asymmetries in Economic Modelling", Paris, April 12, 2012.
- Organizer, 8th International Institute of Forecasters Workshop hosted by Banque de France on "Forecasting the Business Cycle", Paris 1st-2nd December 2011
- Program Committee,31stInternational Symposium on Forecasting, Prague June 2011.
- Co-organizer, Conference on Macroeconomics of Housing Markets jointly organised by Banque de France, Deutsche Bundesbank, Bancad'Italia and Banco de Espana, December 2009
- Organizer, International Workshop on Forecasting Macroeconomic Variables with Dynamic Factor Models, Banque de France, October 2008
- Program co-chair,28thInternational Symposium on Forecasting, Nice, June 2008
- Organizer,Lectureof Pr. Timo Teräsvirta, Banque de France, April 2008
- Organizer,Seminar Centre d'Economie de la Sorbonne University Paris 1, December 2007
- Organizer, Seminar Centre d'Economie de la Sorbonne, ENS Cachan – Univ. Paris 1, February 2007

<u>Scientific associations</u>:

Board of Directors of theInternational Institute of Forecasters (IIF), EABCN Fellow, member of Association Française de Sciences Economiques (AFSE, French Association of Economics)

<u>Referee foracademic journals:</u>

Journal of Business and Economic Statistics,Review of International Economics, Oxford Bulletin of Economics and Statistics, International Journal of Forecasting, Journal of Forecasting, Journal of Time Series Analysis,Journal of Business Cycle Measurement and Analysis, *Louvain Economic Review, Empirical Economics, Energy Policy, Statistics, Economie International / International Economcis, Economie et Prévision, Annalesd'Economie et Statistiques, Revue Economique, Comptes-Rendus de l'Académie des Sciences*, and the editor *De Boeck*.

<u>PhD jury:</u>

R. Legrand, University of Cergy, December 2013 (President of Jury)
R. Majetti, University of Nancy, November 2013 (Referee)
Z. Cheng, University of Cergy, October 2013 (Jury member)
H. Razanamparany, University Paris Est Créteil, January 2012 (Referee)
C. d'Avino, University Ca'Foscari, Venice, April 2011 (Referee)
G. Bruno, University Tor Vergata, Rome, December 2010 (Referee)

<u>PhD supervision:</u>

C. Marsilli, University Franche-Comté, May 2014

<u>MSc Students supervision:</u>

MSc University Franche-Comté, « Forecasting with financial variables with MIDAS approaches », June 2010
MSc ENSAE, « Forecasting recessions with financial variables », June 2009
MSc MonnaieBanque Finance University Paris 1, « Leading Indicators », September 2007
MSc Finance and EconometricsUniversityParis 2, « GARCH Processes and Bootstrap », June 2005
MSc Finance and Econometrics University Paris 2, « Regime-dependent GARCH Processes», June 2005
MScEngineerSchoolISPG « Forecasting the French IPI with Bootstrap », July 2004.
MScMacro-economicsUniversityParis 1, « Multivariate Markov-Switching Models », June 2003.