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[http://papers.ssrn.com/sol3/cf\\_dev/AbsByAuth.cfm?per\\_id=303041](http://papers.ssrn.com/sol3/cf_dev/AbsByAuth.cfm?per_id=303041)

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## CURRICULUM VITAE

### PERSONAL

Italian citizenship; Born October 23, 1968; Married, two daughters.

### PROFESSIONAL EXPERIENCE

November 2006 - : Professor of Econometrics, Department of Economics, University Ca' Foscari of Venice.

May 2014 – September 2020: Head Department of Economics, University Ca' Foscari of Venice.

October 2011 – September 2014: Head Campus Treviso, University Ca' Foscari of Venice.

November 2000 – October 2006: Associate Professor of Econometrics, Department of Economics, University Ca' Foscari of Venice.

January 1996 – October 2000: Assistant Professor of Econometrics, Department of Economics, University Ca' Foscari of Venice.

January 1996 - : Consultant at GRETA Associati.

October 1994 - December 1995: Researcher at CREST (INSEE Paris): Thesis preparation.

December 1994 - December 1995 : Junior Consultant at the Caisse Autonome de Refinancement (Groupe Caisse des Dépôts et des Consignations), Paris.

April 1993 - September 1993: Research assistant at GRETA Associati, Venice.

### RESEARCH INTERESTS

Dynamic latent factor models; Simulation based inference techniques; Bayesian methods; Networks; Volatility and risk modelling; Switching regime models; Volatility transmission and contagion; Systemic Risk; Hedge funds; Mutual fund performance; Business cycle analysis; Sustainable Finance.

### EDUCATION

October 1994 – January 1999

Ph.D. in Applied Mathematics, University Paris IX Dauphine, France; Summa cum laude.

Subject: Simulation based methods for inference in non linear state-space models  
Supervisor: Alain Monfort  
Committee: Proff. C. Gouriéroux, E. Renault, S. Richardson, G. Calzolari, H. van Dijk.  
1993-1994 DEA M.A.S.E. (Mathématiques Appliquées aux Sciences Economiques),  
University Paris IX Dauphine, France.  
1987-1993 Laurea in Economics, University Ca' Foscari of Venice, Italy. Summa cum  
laude.

## GRANTS, HONORS AND AWARDS

Most influential article published in leading journals of the Elsevier's Finance portfolio in recent years (2010-2015): Billio M., M. Getmansky, A.W. Lo and L. Pelizzon (2012), Econometric Measures of Connectedness and Systemic Risk in the Finance and Insurance Sectors, *Journal of Financial Economics*, 104, 535-559.  
Advanced Research Award, University Ca' Foscari of Venice, 2015.  
University of Orléans, France: Visiting Scholar Program, 2012.  
University Paris 1 Sorbonne, France: Visiting Scholar Program, 2011.  
University Paris IX Dauphine, France: Visiting Scholar Program, 2010.  
Banque of France: Visiting Scholar Program, 2008-2009.  
Ecole Normale Supérieure de Cachan, Paris: Visiting Scholar Program, 2007.  
Ente Luigi Einaudi, Rome, Italy: Scholarship, 1994-1995 and 1995-1996.  
University Paris IX Dauphine, France: Research Grant, 1994-1996.  
University of Venice, Italy: Scholarship, 1993-1994.  
Nice Etoile and Bologna Lyons Clubs: Fellowship, 1991.

## PUBLICATIONS

### Peer-Reviewed Journals

1. Ahelegbey, D.F., M. Billio and R. Casarin (2021), Modeling Turning Points in the Global Equity Market, *forthcoming* Econometrics and Statistics.
2. Billio M., R. Casarin, Costola, M. Iacopini (2021), COVID-19 spreading in financial networks: A semiparametric matrix regression model, *forthcoming* Econometrics and Statistics.
3. Billio M., M. Caporin, L. Frattarolo and L. Pelizzon (2021), Networks in risk spillovers: A multivariate GARCH perspective, *forthcoming* Econometrics and Statistics.
4. Billio M., M. Costola, I. Hristova, C. Latino and L. Pelizzon, (2021) Inside the ESG Ratings: (Dis)Agreement and Performance, Corporate Social Responsibility and Environmental Management, <http://doi.org/10.1002/csr.2177>.
5. Billio M., B. Maillet and L. Pelizzon (2021), A meta-measure of performance related to both investors and investments characteristics, *Annals of Operations Research*, <https://doi.org/10.1007/s10479-020-03771-w>.
6. Billio M., R. Casarin, Costola, M. Iacopini (2021), A matrix-variate t model for networks, *Frontiers in Artificial Intelligence*, 4/49, <https://doi.org/10.3389/frai.2021.674166>.

7. Agudze K.M., M. Billio, R. Casarin and F. Ravazzolo (2021), Markov Switching Panel with Endogenous Synchronization Effects, *Journal of Econometrics*, <https://doi.org/10.1016/j.jeconom.2021.04.004>.
8. Billio M., L. Frattarolo and D. Guégan (2021), Multivariate Radial Symmetry of Copula Functions: Finite Sample Comparison in the i.i.d Case, *Dependence Modeling*, 9/1, 43-61, <https://doi.org/10.1515/demo-2021-0102>.
9. Billio M., M. Costola, L. Pelizzon and M. Riedel (2021), Buildings' Energy Efficiency and the Probability of Mortgage Default: The Dutch Case, *Journal of Real Estate Finance and Economics*, <https://doi.org/10.1007/s11146-021-09838-0>.
10. Billio M., M. Donadelli, G. Livieri and A. Paradiso (2020), On the Role of Domestic and International Financial Cyclical Factors in Driving Economic Growth: A secular analysis, *Applied Economics*, 52/11, 1272-1297.
11. Billio M., R. Casarin, M. Costola and L. Frattarolo (2019), Opinion Dynamics and Disagreements on Financial Networks, *Advanced in Decision Sciences*, 23/4.
12. Billio M., R. Casarin and L. Rossini (2019), Bayesian nonparametric sparse VAR models, *Journal of Econometrics*, 212/1, 97-115.
13. Bianchi D., M. Billio, R. Casarin and M. Guidolin (2019), Modeling Systemic Risk with Markov Switching Graphical SUR Models, *Journal of Econometrics*, 210/1, 58-74.
14. Bedin A., M. Billio, M. Costola, L. Pelizzon (2019), Credit Scoring in SME Asset-Backed Securities: An Italian Case Study, *Journal of Risk and Financial Management*, 12/2, 89.
15. Billio M., R. Casarin and A. Osuntuyi (2018), Markov Switching GARCH models for Bayesian Hedging on Energy Futures Markets, *Energy Economics*, 70, 545-562.
16. Billio M., Donadelli M., Paradiso A. and Riedel M. (2017), Which Market Integration Measure? *Journal of Banking and Finance*, 76, 150–174.
17. Billio M., R. Casarin, F. Ravazzolo and H.K. van Dijk (2016), Interconnections between Eurozone and US booms and busts using a Bayesian Panel Markov-Switching VAR model, *Journal of Applied Econometrics*, 31/7, 1352-1370.
18. Ahelegbey, D.F., M. Billio and R. Casarin (2016), Sparse Graphical Vector Autoregression: A Bayesian Approach, *Annals of Economics and Statistics*, 123/124, 1-30.
19. Billio M., R. Casarin, M. Costola and A. Pasqualini (2016), An entropy-based early warning indicator for systemic risk, *Journal of International Financial Markets, Institutions and Money*, 45, 42-59.
20. Billio M., R. Casarin and A. Osuntuyi (2016), Efficient Gibbs Sampling for Markov Switching GARCH Models, *Computational Statistics and Data Analysis*, 100, 37-57.
21. Billio M., L. Frattarolo and L. Pelizzon (2016), Hedge Fund Tail Risk: An investigation in stressed markets, *Journal of Alternative Investments*, 18/4, 109-124.
22. Ahelegbey, D.F., M. Billio and R. Casarin (2016), Bayesian Graphical Models for Structural Vector Autoregressive Processes, *Journal of Applied Econometrics*, 31, 357-386.

23. Billio M., M. Caporin and M. Costola (2015), Backward/forward optimal combination of performance measures for equity screening, *North American Journal of Economics and Finance*, 34, 63-83.
24. Billio M. and S. Di Sanzo (2015), Granger-causality in Markov switching models, *Journal of Applied Statistics*, 42/5, 956-996.
25. Addo P.M., M. Billio and D. Guégan (2014), Turning point chronology for the Euro-Zone: A Distance Plot Approach, *Journal of Business Cycle Measurement and Analysis*, 1, 1-14.
26. Addo P.M., M. Billio and D. Guégan (2014), The Univariate MT-STAR Model and a new linearity and unit root test procedure, *Computational Statistics and Data Analysis*, 76, 4-19.
27. Billio M. and M. Cavicchioli (2014), Business Cycle and Markov Switching Models with Distributed Lags: a Comparison between US and Euro Area, *Rivista Italiana degli Economisti Vol. XIX, N.2*, 253-276.
28. Billio M., L. Frattarolo and L. Pelizzon (2014), A time varying performance evaluation of hedge fund strategies through aggregation, *Bankers, Markets & Investors*, 129, 38-56.
29. Merton R.C., M. Billio, M. Getmansky, D. Gray, A.W. Lo and L. Pelizzon (2013), On a New Approach for Analyzing and Managing Macrofinancial Risks, *Financial Analysts Journal*, 69/2, 22-33.
30. Billio M., R. Casarin, F. Ravazzolo and H.K. van Dijk (2013), Time-varying Combinations of Predictive Densities using Nonlinear Filtering, *Journal of Econometrics*, 177/2, 213-232.
31. Addo P.M., M. Billio and D. Guégan (2013), Nonlinear Dynamics and Recurrence Plots for Detecting Financial Crisis, *North American Journal of Economics and Finance*, 26, 416-435.
32. Billio M., L. Ferrara, D. Guégan and G.L. Mazzi (2013), Evaluation of Regime-Switching Models for Real-Time Business Cycle Analysis of the Euro Area, *Journal of Forecasting*, 32/7, 577-586.
33. Billio M., R. Casarin, F. Ravazzolo and H.K. van Dijk (2012), Combination Schemes for Turning Point Predictions, *Quarterly Review of Economics and Finance*, 52, 402-412.
34. Billio M., M. Getmansky, A.W. Lo and L. Pelizzon (2012), Econometric Measures of Connectedness and Systemic Risk in the Finance and Insurance Sectors, *Journal of Financial Economics*, 104, 535-559.
35. Billio M., M. Getmansky and L. Pelizzon (2012), Dynamic Risk Exposure in Hedge Funds, *Computational Statistics and Data Analysis*, 56, 3517-3532.
36. Billio M., L. Calès and D. Guégan (2012), A Cross-Sectional Score for the Relative Performance of an Allocation, *International Review of Applied Financial Issues and Economics*, 3/4, 700-710
37. Billio M., L. Calès and D. Guégan (2011), Portfolio Symmetry and Momentum, *European Journal of Operational Research*, 214/3, 759-767.

38. Billio M. and R. Casarin (2011), Beta Autoregressive Transition Markov-switching Models for Business Cycle Analysis, *Studies in Nonlinear Dynamics & Econometrics*, Vol. 15/4.
39. Billio M. and R. Casarin (2010), Identifying Business Cycle Turning Points with Sequential Monte Carlo Methods: an on-line and real time application to the Euro area, *Journal of Forecasting*, 1-2, 145-167.
40. Billio M. and M. Caporin (2010), Market Linkages, Variance Spillover and Correlation Stability: Empirical Evidences of Financial Contagion, *Computational Statistics and Data Analysis*, 54/11, 2443-2458.
41. Billio M., M. Getmansky and L. Pelizzon (2009), Non-Parametric Analysis of Hedge Fund Returns: New Insights from High Frequency Data, *Journal of Alternative Investments*, 12/1, 21-38.
42. Billio M. and M. Caporin (2009), A generalised Dynamic Conditional Correlation model for portfolio risk evaluation, *Mathematics and Computers in Simulation*, 79/8, 2566-2578.
43. Anas J., M. Billio, L. Ferrara and G.L. Mazzi (2008), A System for Dating and Detecting Turning Points in the Euro Area, *The Manchester School*, 76/5, 549 - 577.
44. Billio M., M. Caporin and G. Cazzavillan (2008), Dating Euro15 monthly business cycle jointly using GDP and IPI, *Journal of Business Cycle Measurement and Analysis*, 3/3, 333-366.
45. Casarin R. and M. Billio (2007), Stochastic Optimisation for Allocation Problem with Shortfall Risk Constraints, *Applied Stochastic Models in Business and Industry*, 23/3, 247-271.
46. Billio M., M. Caporin and M. Gobbo (2006), Flexible Dynamic Conditional Correlation Multivariate GARCH for Asset Allocation, *Applied Financial Economics Letters*, 2, 123-130.
47. Billio M. and M. Caporin (2005), Multivariate Markov switching dynamic conditional correlation GARCH representations for contagion analysis, *Statistical Methods and Applications*, 14/2, 145-161.
48. Billio M. and L. Pelizzon (2003), Volatility and shocks spillover before and after EMU in Europe stock markets, *Journal of Multinational Financial Management*, 13, 323-340.
49. Billio M. and A. Monfort (2003) Kernel-Based Indirect Inference, *Journal of Financial Econometrics*, 1, 3, 297-326.
50. Billio M. and L. Pelizzon (2003), Contagion and Interdependence in Stock Markets: Have they been misdiagnosed?, *Journal of Economics and Business* 55, 5/6, 405-426.
51. Billio M., D. Sartore and C. Toffano (2000), Combining forecasts: some results on exchange and interest rates, *The European Journal of Finance*, 6/2, 1-20.
52. Billio M. and L. Pelizzon (2000), Value-at-Risk: a multivariate switching regime approach, *Journal of Empirical Finance*, 7, 531-554. Reprinted in *Financial Mathematics and Economics*, Vol. 1/2, 2002.
53. Billio M., A. Monfort and C.P. Robert (1999), Bayesian estimation of switching ARMA models, *Journal of Econometrics*, 93/2, 229-255.

54. Billio M. and A. Monfort (1998), Switching state space models: likelihood, filtering and smoothing, *Journal of Statistical Planning and Inference*, 68/1, 65-103.

### Books and Book contributions

55. Billio M. and S. Varotto (2020), *A New World Post COVID-19. Lessons for Business, the Finance Industry and Policy Makers*. Edizioni Ca' Foscari - Digital Publishing (<https://edizionicafoscari.unive.it/en/edizioni4/libri/978-88-6969-443-1/>).
56. Billio M., M. Costola, F. Marzari and L. Pelizzon (2020), The European Repo Market, ECB Intervention and the COVID-19 Crisis, in Billio M. and S. Varotto (eds), *A New World Post COVID-19. Lessons for Business, the Finance Industry and Policy Makers*. Edizioni Ca' Foscari - Digital Publishing.
57. Battiston S., M. Billio and I. Monasterolo (2020), Pandemics, Climate and Public Finance: How to Strengthen Socio-Economic Resilience across Policy Domains, in Billio M. and S. Varotto (eds), *A New World Post COVID-19. Lessons for Business, the Finance Industry and Policy Makers*. Edizioni Ca' Foscari - Digital Publishing.
58. Billio M., R. Casarin, M. Costola and L. Frattarolo (2019), Contagion dynamics on financial networks, in J. Chevallier, S. Goutte, D. Guerreiro, S. Saglio and B. Sanhaji (Eds.) *International Financial Markets* (Vol 1), Routledge Advances in Applied Financial Econometrics, Routledge, 63-88.
59. Billio M., R. Casarin and L. Rossini (2018), Bayesian Nonparametric Sparse Vector Autoregressive Models, in M. Corazza, M. Durbán, A. Grané, C. Perna and M. Sibillo (Eds.) *Mathematical and Statistical Methods for Actuarial Sciences and Finance*, Springer Verlag, 155-160.
60. Billio M., R. Casarin and M. Iacopini (2018), Bayesian Tensor Binary Regression, in M. Corazza, M. Durbán, A. Grané, C. Perna and M. Sibillo (Eds.) *Mathematical and Statistical Methods for Actuarial Sciences and Finance*, Springer, 143-147.
61. Billio M., R. Casarin and M. Iacopini (2018), Bayesian Tensor Regression Models, in M. Corazza, M. Durbán, A. Grané, C. Perna and M. Sibillo (Eds.) *Mathematical and Statistical Methods for Actuarial Sciences and Finance*, Springer, 159-163.
62. Billio M., R. Casarin, M. Costola and L. Frattarolo (2018), Disagreement in Signed Financial Networks, in M. Corazza, M. Durbán, A. Grané, C. Perna and M. Sibillo (Eds.) *Mathematical and Statistical Methods for Actuarial Sciences and Finance*, Springer Verlag, 139-142.
63. Billio M., Carati L., Ladiray D. and G.L. Mazzi (2018), The Effects of Seasonal Adjustment on Turning-Point Detection, Chap. 26 in G.L. Mazzi and D. Ladiray (Eds.), *Handbook on Seasonal Adjustment*, European Union.
64. Billio M., Cavicchioli M. (2017), Markov Switching GARCH Models: Filtering, Approximations and Duality, in Corazza M., Legros F., Perna C., Sibillo M. (Eds) *Mathematical and Statistical Methods for Actuarial Sciences and Finance*, Springer, Cham, 59-72.
65. Anas J., Billio M., Carati L., Ferrara L. and G.L. Mazzi (2017), Cyclical Composite Indicators Detecting Turning Points, Chap. 14 in G.L. Mazzi and A. Ozyildirim (Eds.), *Handbook on Cyclical Composite Indicators for Business Cycle Analysis*, European Union and the United Nations (ISBN: 978-92-79-66129-7).

66. Billio M., M. Getmansky and L. Pelizzon (2017), Financial Crises and the Evaporation of Diversification Benefits of Hedge Funds, Chap. 24 in K. Baker and G. Filbeck (Eds.), *Hedge Funds: Structure, Strategies, and Performance*, Oxford University Press, New York.
67. Billio M., L. Pelizzon and R. Savona (2016), *Systemic Risk Tomography: Signals, Measurement and Transmission Channels*. ISTE-Elsevier (<https://www.elsevier.com/books/systemic-risk-tomography/billio/978-1-78548-085-0>).
68. Billio M., L. Pelizzon and R. Savona (2016), Systemic Risk: Measures and Warnings, in *Systemic Risk Tomography: Signals, Measurement and Transmission Channels*, Chap.1. ISTE- Elsevier.
69. Billio M., M. Costola, R. Panzica and L. Pelizzon (2016), Systemic Risk Measures and Financial Interconnectedness: Measuring the Impact of the Indirect Effect, in *Systemic Risk Tomography: Signals, Measurement and Transmission Channels*, Chap.3. ISTE- Elsevier.
70. Billio M. and Cavicchioli M. (2016), Validating Markov Switching VAR Through Spectral Representations, in V.N. Huynh, V. Kreinovich, S. Sriboonchitta (Eds) *Causal Inference in Econometrics, Studies in Computational Intelligence*, Volume 622, 3-15, Springer.
71. Addo P.M., M. Billio and D. Guégan (2014), Nonlinear Dynamics and Wavelets for Business Cycle Analysis, in M. Gallegati and W. Semmler (Eds.), *Wavelets Applications in Economics and Finance*, Dynamic Modeling and Econometrics in Economics and Finance, Volume 20, 73-100, Springer Series.
72. Billio M., K.Y. Mamo, L. Pelizzon (2013), Crises and Fund of Hedge Funds Tail Risk. In *Reconsidering Funds of Hedge Funds: the Financial Crisis and Best Practices in UCITS, Tail Risk, Performance, and Due Diligence*, G. Gregoriou (Ed.), Elsevier, 110-140.
73. Billio M., M. Caporin, L. Pelizzon and D. Sartore (2012), CDS Industrial Sector Indices, credit and liquidity risk. In *Credit Portfolio Securitizations and Derivatives*, D. Rösch and H. Scheule (Eds.), John Wiley & Sons, 104-123.
74. Billio M. and M. Caporin (2011), Contagion Dating through Market Interdependence Analysis and Correlation Stability, in *Financial Contagion: The Viral Threat to the Wealth of Nations*, Robert W. Kolb (Ed.), Wiley, Chap. 4.
75. Billio M., M. Getmansky and L. Pelizzon (2008), Calculating VaR for Hedge Funds, in *The VAR Implementation Handbook*, G. Gregoriou (Ed.), McGraw Hill, page. 3-24.
76. Anas J., M. Billio, L. Ferrara and M. Lo Duca (2007), Business cycle analysis with multivariate Markov switching models, in *Growth and Cycle in the Eurozone* (eds G.L. Mazzi and G. Savio), 249-260, Palgrave Macmillan.
77. Anas J., M. Billio, L. Ferrara and M. Lo Duca (2007), A turning point chronology for the Euro-zone classical and growth cycle, in *Growth and Cycle in the Eurozone* (eds G.L. Mazzi and G. Savio), 261-274, Palgrave Macmillan.
78. Billio M., R. Casarin and D. Sartore (2007), Bayesian inference in dynamic models with latent factors, in *Growth and Cycle in the Eurozone* (eds G.L. Mazzi and G. Savio), 25-44, Palgrave Macmillan.

79. Billio M. and D. Sartore (2003), Stochastic Volatility Model: A Survey with Applications to Option Pricing and Value at Risk, chap. 8 in *Quantitative Methods for Trading and Investment*, ed. C. Dunis, J. Laws and P. Naïm, John Wiley, 239-291.
80. Billio M., R. Casarin, C. Méhu and D. Sartore (1999), Investment Styles in the European Equity Market, chap. 4 in *Advances in Quantitative Asset Management*, ed. C. Dunis, Kluwer Academic Publishers, 61-88.
81. Billio M. and M. Patron (1999), L'utilizzo di *trading rules* in modelli a cambiamenti di regime, in *Gli strumenti derivati*, ed. D. Sartore, Ipsosa.
82. Billio M. and S. Tommasi (1999), L'analisi tecnica ed i modelli a logica sfocata, in *Gli strumenti derivati*, ed. D. Sartore, Ipsosa.
83. Billio M. and D. Sartore (1999), La combinazione di previsioni, in *Gli strumenti derivati*, ed. D. Sartore, Ipsosa.

### Others publications

84. Battiston S., M. Billio and I. Monasterolo (2020), The importance of Compound Risk in the nexus of Covid-19, Climate Change and Finance. *Nobels, Economists and Scientists for Covid-19*, Istituto ISEO (<https://www.istiseo.org/conference/monica-billio-irene-monasterolo-stefano-battiston/>).
85. Billio M., L. Carati and G.L. Mazzi (2016), Dynamic measures of synchronization in the euro area, Statistical Working Papers Eurostat, Publications Office of the European Union, Luxembourg (ISBN: 978-92-79-60482-9).
86. Ahelegbey, D.F., M. Billio and R. Casarin (2016), Sparse BGVAR for Risk Analysis, in *JSM Proceedings, Section on Risk Analysis*. Alexandria, VA: American Statistical Association. 1789-1803.
87. Ahelegbey, D.F., M. Billio and R. Casarin (2015), Sparse BGVAR models for Systemic Risk Analysis, in *Statistics and Demography: the Legacy of Corrado Gini*, C. Crocetta Editor, CLEUP, ISBN: 9788867874521.
88. Billio M., R. Casarin, M. Costola and A. Pasqualini (2015), Entropy and systemic risk measures, in *Statistics and Demography: the Legacy of Corrado Gini*, C. Crocetta Editor, CLEUP, ISBN: 9788867874521.
89. Billio M. and L. Pelizzon (2014), Misure econometriche di connettività e rischio sistemico nel settore finanziario e assicurativo, *Bancaria*, 8, 81-91.
90. Billio M., R. Casarin and A. Osuntuyi (2013), A Markov Switching GARCH models for Bayesian Hedging on Energy Futures Markets, in *Advances in Latent Variables*, Eds. Brentari, E. and Carpita, M., Vita e Pensiero, Milano ISBN 9788834325568.
91. Billio M., M. Getmansky, D. Gray, A.W. Lo, R.C. Merton and L. Pelizzon (2012), Sovereign, bank and insurance credit spreads: Connectedness and system networks, in *G20 Conference on Financial Systemic Risk*, vol. 27.
92. Addo P.M., M. Billio, D. Guégan (2012), Understanding exchange rate dynamics. In *Proceedings of the 20th International Conference on Computational Statistics*, 1-14, A. Colubi, K. Fokianos, & E. J. Kontoghiorghe (Eds.), Curran Associates, Inc. ISBN: 978-162748-321-6.
93. Billio M. and L. Pelizzon (2012), Efficienza, interconnessione e rischio sistemico, *Statistica e Società*, 1/3, 42-44.

94. Billio M., R. Casarin, F. Ravazzolo and H.K. van Dijk (2011), Bayesian Combinations of Stock Price Predictions with an Application to the Amsterdam Exchange Index, *Medium for Econometric Applications*, Econometrisch Dispuut Rotterdam, 18/3, 2-9.
95. Billio M. e L. Pelizzon (2008), Hedge fund rapidi nel coprire le esposizioni durante i ribassi, *Mondo Hedge*, VII/68, 15-18.
96. Billio M. (2002), Simulation Based Methods for Financial Time Series, Atti della XLI Riunione Scientifica della Società Italiana di Statistica, 5-7 giugno 2002, CLEUP, Padova.
97. Billio M., M. Corazza and M. Gobbo (2002), Option Pricing via Regime Switching Models and MultiLayer Perceptrons: a Comparative Approach, *Rendiconti per gli Studi Economici Quantitativi*, 39-59.
98. Tiozzo C. L., M. Billio and D. Sartore (1999), Modelli neurali artificiali geneticamente evoluti per trading system su strumenti derivati, *Amministrazione e Finanza*, 21.
99. Billio M., A. Monfort and C.P. Robert (1998), A MCMC approach to maximum likelihood estimation, *Prague Stochastics '98*, Vol 1, pagg. 49-54, ed. M. Huskova, P. Lachout and J.A. Visek, Union of Czech Mathematicians and Physicists.
100. Billio M. and L. Pelizzon (1997), Pricing options with switching volatility, *Money, Finance, Banking and Insurance*, ed. C. Hipp, Verlang and Nota di Lavoro n. 97.07 DSE Università Ca' Foscari, Venice.
101. Billio M., L. Cappellina and D. Sartore (1997), Cicli e cambiamenti di regime negli indici azionari italiani, *Quaderni di Statistica e Matematica Applicata alle Scienze economico- sociali*, Università di Trento, Vol XVII, 1-2-3.

## OVERALL CITATIONS

Scopus: 53 papers with 1645 total citations and h-index 18 (without self-citations).

Google Scholar: 160 publications with 5300 total citations and h-index 32 (i10-index 54).

RePEc: top 5% of 60.000 economists (top 2% among women in economics world ranking, top 3% in Europe, top 2% in Italy).

## MAIN RECENT TALKS AS INVITED SPEAKER

2021: University of Nottingham invited seminar; Finance Group Seminar Queens University Belfast invited seminar; Second Annual Volatility and Risk Institute Conference on "A Financial Risk Framework For Climate Change: Portfolio Construction, Stress Testing, And Risk Transfer; Special session on Sustainable Finance post COVID19 (30th Annual Meeting of European Financial Management Association - EFMA).

2020: Statistical Physics for Financial & Economic Networks – NETSCI satellite, Rome; EC2 High dimensional Modelling in Time Series, Paris; Artificial Intelligence in Finance and Industry (5th European COST Conference).

2019: Workshop on "Crisis and Network in Finance: new challenges for the industry", ENS Lyon; Guest Speaker Quantitative Finance and Financial Econometrics (QFFE2019), Aix Marseille; *Christian Dunis Memorial Lecture* Forecasting Financial Markets 2019, Venice; ESOBE 2019 University of St Andrews, Scotland; National Bank of Poland Workshop on Forecasting; Erasmus University invited seminar.

2018: 3rd Workshop on Statistical Physics for Financial and Economic Networks, Paris; DySES 2018 on Systemic Risk, Paris.

2016: Social Impact through Network Science, Venice.

2015: 7th Conference on the Econometrics of Hedge Funds, Paris; Université Louvain La Neuve; Université Aix Marseille; VU University Amsterdam; NBER Summer Institute: Market Institutions and Financial Market Risk.

2014: Europlace Finance Institute, Paris; Bank of England; European Systemic Risk Board, ECB; CSRA meeting, Boston.

2013: Invited session CFE 2013, London; Université Aix Marseille; Université d'Orléans; French National Supervisory Authority, Paris.

2012: Instabilities in financial markets Conference, Scuola Normale of Pisa; CEPS Roundtable on Macro prudential policy, Brussels; G20 Conference on Financial Systemic Risk; Measuring Systemic Risk Conference, Princeton University; 5th Risk Forum, Paris; Université d'Orléans.

2011: CONSOB; ECARES - Université Libre de Bruxelles; Université Paris 1 Pantheon Sorbonne; OECD Round table on *Systemic Risk in the Insurance Sector*; Wilfrid Laurier University, *The economics and econometrics of recurring financial market crises*; Scuola Normale of Pisa; Third Conference on the Econometrics of Hedge Funds, Paris.

2010: Université Paris IX Dauphine; Second Conference on the Econometrics of Hedge Funds, Paris.

2009: 1st French Econometrics Conference, Toulouse; Bank of France; First Conference on the Econometrics of Hedge Funds, Paris; Tinbergen conference on *Crashes and Systemic Crises in Financial Markets*, Rotterdam.

2008: Workshop on *Emerging Methods in Bayesian Econometrics*, Rotterdam; First Workshop of the ERCIM Working Group on Computing & Statistics, Neuchâtel Switzerland.

## PH.D. SUPERVISION

Giovanni Pianon, “Quantitative approaches for a robust assessment and management of risks related to sustainable investing”, University Ca’ Foscari of Venice, joint supervision with Roberto Casarin, expected December 2023.

Ana Sina, “Leveraged Loans and Systemic Risk”, Reading University, joint supervision with Simone Varotto e Alfonso Dufour, expected December 2022.

Filippo Busetto, “Negative interest rates”, Reading University, joint supervision with Simone Varotto e Alfonso Dufour, expected July 2021.

Hasinavonizaka Fanirisoa Zazaravaka RAHANTAMIALISOA, “Integration of VIX information in GARCH option pricing models”, Université Paris 1 Panthéon-Sorbonne, joint supervision with Christophe Chorro, November 2018.

Matteo Iacopini, “Network models and Copula”, University Ca’ Foscari of Venice, joint supervision with Roberto Casarin and Dominique Guégan, July 2018.

Mario Bellia, “Essays on empirical market microstructure and high frequency data”, Goethe University, joint supervision with Lorian Pelizzon, March 2018.

Roberto Panzica, “Financial networks and Asset pricing”, Goethe University, joint supervision with Lorian Pelizzon, March 2018.

Matteo Sottocornola, “Insurance Activities and Systemic Risk”, Goethe University, joint supervision with Lorian Pelizzon, March 2018.

- Anna Petronevich, “Dynamic Non Linear Factor Models”, Université Paris 1 Panthéon-Sorbonne, joint supervision with Catherine Doz, October 2017.
- Patrick Zoi, “Estimation and Derivative Pricing with Stochastic Volatility”, University Ca’ Foscari of Venice, joint supervision with Loriana Pelizzon, February 2017.
- Luca Rossini, “Bayesian nonparametric sparse seemingly unrelated regression model”, University Ca’ Foscari of Venice, joint supervision with Roberto Casarin, January 2017.
- Komla Mawolom AGUDZE, “Panel Markov Switching VAR”, University Ca’ Foscari of Venice, joint supervision with Roberto Casarin, June 2016.
- Daniel Felix Ahelegbey, “Bayesian networks and financial applications”, University Ca’ Foscari of Venice, joint supervision with Roberto Casarin, July 2015.
- Lorenzo Frattarolo, “Equity Returns Dependence Structure and Systemic Events in Financial Systems”, Université Paris 1 Panthéon-Sorbonne and University Ca’ Foscari of Venice, joint supervision with Dominique Guégan, December 2014.
- Peter Martey Addo, “Multivariate SETAR models”, Université Paris 1 Panthéon-Sorbonne, joint supervision with Dominique Guégan, May 2014.
- Maddalena Cavicchioli, “Essays on Markov Switching Models with Applications in Economics and Finance”, University Ca’ Foscari of Venice, supervision, March 2014.
- Ayokunle Anthony OSUNTUYI, “Essays on Bayesian inference with financial applications”, joint supervision with Roberto Casarin, University Ca’ Foscari of Venice, March 2014.
- Ludovic Calès “Rank-based models for the study of momentum & other cross-sectional effects in financial markets”, Université Paris 1 Panthéon-Sorbonne, joint supervision with Dominique Guégan, March 2011.
- Sara Maniero “Transmission and Contagion in Real and Financial Markets”, supervision, University Ca’ Foscari of Venice, October 2009.
- Roberto Casarin “Simulation Methods for Non-linear and Non-Gaussian Models in Finance”, joint supervision with Christian P. Robert, University Ca’ Foscari of Venice, March 2004.
- Fulvio Pegoraro “Discrete Time Pricing Models with Latent Variables”, joint supervision with Alain Monfort, University Ca’ Foscari of Venice, March 2004.
- Massimiliano Caporin “Long Memory Conditional Heteroskedasticity and Second Order Causality”, joint supervision with Domenico Sartore, University Ca’ Foscari of Venice, January 2003.

## **FINANCED RESEARCH PROJECTS**

- European Commission H2020-LC-SC3-EE-2020-2, “TranspArEEEnS – Mainstreaming Transparent Assessment of Energy Efficiency in ESG Ratings”, 2021-2023; Coordinator.
- Europlace Finance Institute grant, Project on “Climate Risk, ESG Factors and Financial Stability” with Michele Costola, Serge Darolles, Loriana Pelizzon, 2020-2021.
- World Bank Group, “COVID-19 Pandemic, Financial Shock and Natural Disasters: Assessing compound risks in emerging countries”, 2020; joint supervision with Irene Monasterolo.
- European Commission H2020-LC-SC3-EE-2019, “EeMMIP Energy efficient Mortgage Market Implementation Plan”, 2020-2022; Local coordinator.
- EUROSTAT, Euro-indicators, “Monthly production of coincident indicators for growth cycle and business cycle”, 2020-2022; joint coordination with Roberto Casarin.
- MIUR Project “Hi-Di NET Econometric Analysis of High Dimensional Models with Network Structures in Macroeconomics and Finance”, 2020-2023; National coordinator.
- EIBURS Project “ESG-Credit.eu - ESG Factors and Climate Change for Credit Analysis and Rating”, 2019-2022; Coordinator.

- European Commission H2020-EE-2017-CSA-PPI, “EeDaPP Energy efficiency Data Protocol and Portal”, 2018-2020; Local coordinator.
- European Commission H2020-EE-2016-CSA-PPI, “EeMAP Energy efficient Mortgages Action Plan”, 2017-2019; Local coordinator.
- EUROSTAT, Euro-indicators, “Monthly production of coincident indicators for growth cycle and business cycle”, 2017-2019; joint coordination with Antonio Paradiso.
- EUROSTAT, Methodological Support, “Financial cycles”, 2016-2017; joint coordination with Roberto Casarin.
- Europlace Finance Institute grant, Project on "Impacts of the Quantitative Easing on the Insurance Industry" with Dominique Guégan and Loriana Pelizzon, 2015-2016.
- EUROSTAT, Euro-indicators, “Monthly production of coincident indicators for growth cycle and business cycle”, 2014-2016; Coordinator.
- European Commission FP7-SSH-2012-2, “SYRTO Systemic risk tomography: signals, measurement, transmission channels, and policy interventions”, 2013-2016; Local coordinator and Project Scientific Co-Coordinator. Final Technical Review Report Evaluation (European Commission): Excellent/Excellent and success/case story.
- MIUR Project “Multivariate statistical models for risk assessment”, 2013-2016; Local coordinator.
- Project on "Sovereign, Bank and Insurance Credit Spread: Connectedness and System Networks" with Andrew Lo, Mila Getmansky, Loriana Pelizzon, Robert Merton and Dale Gray, Europlace Finance Institute grant and Inquire Europe grant, 2012-2013.
- EUROSTAT, Euro-indicators, “Monthly production of coincident indicators for acceleration cycle, growth cycle and business cycle”, 2010-2013; Coordination joint with Laurent Ferrara (Banque de France, Paris).
- EUROSTAT, Euro-indicators, “Regular update and improvement of a euro area chronology for acceleration cycle, growth cycle and business cycle”, 2010-2013; joint coordination with Jacques Anas (COE-Rexecode, Paris).
- NBER project on Market Institutions and Financial Market Risk, Coordinator M. Carey and R. Stulz, with Andrew Lo, Mila Getmansky and Loriana Pelizzon, 2009-2011.
- Project on “Funding Liquidity, Crises and Systemic Risk” with Andrew Lo, Mila Getmansky and Loriana Pelizzon, Inquire Europe grant, 2009-2010.
- CAREFIN Università Bocconi grant for project “Funding liquidity crisis and Hedge Fund Risks” with Andrew Lo, Mila Getmansky and Loriana Pelizzon, 2009-2010.
- EIB - CREDIT Network: European Network on Credit Risk Management. Members: Center for Economic Research, Tilburg University, Tilburg; European Centre for Advanced Research in Economics and Statistics, Bruxelles; GRETA, Venice; Groupe de Recherche en Economie et Statistique, Paris; Copenhagen Business School, Copenhagen; London Business School, London; Universidad Carlos III, Madrid; Swiss Federal Institute of Technology, Zurich, 2008-: Participant.
- EUROSTAT, Euro-indicators, “Relationship between economic and statistical approaches in the field of business cycle analysis”, 2008; joint coordination with Tommaso Proietti (Università di Roma Tor Vergata) and James Mitchel (NIESR, London).
- MIUR project “Financial variables and business cycle: interdependence and real effects of financial fluctuations”, 2006-2008; Local coordinator.
- EUROSTAT, Euro-indicators, “Monitoring and evaluation of existing turning points chronologies of the Euro-zone”, 2006-2009; joint coordination with Jacques Anas (COE, Paris).
- EUROSTAT, Euro-indicators, “Methodological improvements for the construction of coincident turning point indicators for the Euro-zone”, 2006-2009; joint coordination with Jacques Anas (COE, Paris).

EUROSTAT Unit A6 “Turning point chronology for the Euro-zone”, 2003; joint coordination with Jacques Anas (COE, Paris).

EUROSTAT Unit A6 “Turning points detection: Multivariate Markov Switching Models”, 2003; joint coordination with Jacques Anas (COE, Paris).

EUROSTAT Unit A6 “Construction of realistic proxies for some indicators unavailable at the Eurozone level: New Orders, Building permits, Turnover Index of Services and Volume Index of Services, Export Price Index and Import Price Index, Labour Price, Labour Productivity and Unit Labour Cost Index, Household Disposable Income”, 2001-2002; Coordinator.

## **OTHER FINANCED PROJECTS**

Bando Vinci 2021 Cap I: Student mobility grant for double degree Master program in Economics and Finance with Paris IX University.

Bando Vinci 2018 Cap I: Student mobility grant for double degree Master program in Economics and Finance with Paris IX University.

Bando Vinci 2014 Cap I: Student mobility grant for double degree Master program in Economics and Finance with Aix Marseille University.

Bando Vinci 2011 Cap I: Student mobility grant for double degree Master program in Economics and Finance with Aix Marseille University.

## **ACADEMIC DUTIES**

2014 - 2020 Head of the Department of Economics, University Ca' Foscari of Venice.

2014 - 2020 Member of the Academic Senate of University Ca' Foscari of Venice.

2006 - International Master in Economics and Finance, Department of Economics, University Ca' Foscari of Venice: Member of the Teaching Committee.

2003 - PhD in Quantitative Economics, University Ca' Foscari of Venice: Member of the Teaching Committee.

2011 - 2014 Head of the School of Economics, Languages and Entrepreneurship (Treviso branch of the University Ca' Foscari of Venice).

2008 - 2014 Deputy Head of Department of Economics, University Ca' Foscari of Venice.

2007 - 2014 Coordinator of the Teaching Committee, Degree in Economics and Finance, University Ca' Foscari of Venice.

2005 - 2014 Department of Economics, University Ca' Foscari of Venice: Member of the Executive Committee.

## **AFFILIATIONS AND PROFESSIONAL SERVICES**

Member of the Board of Directors Ifis Npl Investing S.p.A., 2021-:

Member of the Board of Directors Farbanca S.p.A., 2020-:

Member of the Board of Directors Banca Ifis, 2019-:

Member of the Board of Directors Contarina S.p.A., 2016-2019.

Member of the Board of Directors Banco delle Tre Venezie, 2015-2019.

Partner Spin Off University of Brescia and Ca' Foscari University Syrto srl (<https://www.syrto.eu>).

Member Scientific Advisory Board Project PERISCOPE - Pan-European Response to the Impacts of COVID-19 and future Pandemics and Epidemics.

Member Scientific Committee StatisticAll (<http://festivalstatistica.it/>) 2015 - :

Expert in Economics/Finance, Progetto 100 Esperte (<https://100esperte.it/>)

Member Consortium for Systemic Risk Analytics (<http://www.systemic-risk.org/>) 2011 – :

Member Euro Area Business Cycle Network (<http://www.eabcn.org/>) 2009 – :

Member CREDIT network, labelled by the European Investment Bank, 2008 - :

Panel member “Guido Cazzavillan” fellowships, 2015-2020.

Panel member AXA Postdoctoral fellowships, 2015- 2016

Panel member Bank of Italy “Mortara” fellowships, 2014-2018

Panel member “Best Paper Award”, Vienna University of Economics and Business, 2016-2019, 2021.

Member International Advisory Board Advances in Decision Sciences, 2019-:

Member of the Advisory Board Annals of Financial Economics, 2018-:

Louis Bachelier Fellow, Institut Louis Bachelier, 2021-:

Research Fellow Leibniz Institute SAFE, 2020-:

Fellow International Engineering and Technology Institute (<http://www.ieti.net/index.aspx>), 2018-:

President elected, SIde Italian Econometric Society, 2021-2023.

Member of the Steering Committee, SIde Italian Econometric Society (2013-2016).

Member Scientific Committee, Computational and Financial Econometrics Network, 2013-:.

Member of the Board of Directors, EFMA European Financial Management Association (2014-2021).

Member of the Scientific Committee, AIFIRM Italian Association Financial Industry Risk Managers (2013-:).

Member of the following societies: Econometric Society (from 1995), Italian Econometric Society (SIde, from 2009).

Member of the Editorial Board Journal of Risk and Financial Management, 2019 -:,

Associate Editor Econometrics and Statistics, 2015-:.

Associate Editor Annals Computational Statistics and Data Analysis, 2011-2015.

Reviewer for Mathematical Reviews.

External Reviewer for several National Research Councils: Canada, France, Australia.

Reviewer for Research Assessment VQR (Italy, 2010-2014- GEV 13).

Member of the Italian Commission for Professorship Habilitation, 2016-2018.

Refereeing activity for: Annales d’Economie et de Statistiques, Computational Statistics and Data Analysis, Econometrica, Econometrics and Statistics, Econometrics Journal, Econometric Theory, Empirical Economics, European Journal of Operational Research, Journal of Applied Econometrics, Journal of Econometrics, Journal of Economic and Business Statistics, Journal of Empirical Finance, Journal of Financial Econometrics, Journal of Macroeconomics, Journal of Money, Credit and Banking, Journal of Financial Intermediation, Journal of Multinational Financial Management, Journal of the Italian Statistical Society, Quantitative Finance, Quarterly Review of Economics and Finance, Research in Economics, Studies in Non-linear Dynamics and Econometrics, The European Journal of Finance, Management Science, The European Physical Journal, International Economic Journal, Journal of International Money and Finance, Journal of Forecasting, Emerging Markets Finance and Trade, Physica A, Communications in Statistics - Simulation and Computation, Journal of Risk, Journal of the Royal Statistical Society, Journal of Political Economy, Statistics and Risk Modeling, IEEE Systems Journal, Journal of the Operational Research Society, Oxford Research Encyclopedia of Economics and Finance, Plos One.

## CONFERENCE ORGANIZATION

Member Programme Committee, *31th Annual Meeting of European Financial Management Association (EFMA)*, June 2022, Campus Bio-medico University, Italy

Member Scientific Programme Committee, *15th International Conference on Computational and Financial Econometrics (CFE'21)*, December 2021, London (<http://www.cfenetwork.org/CFE2021/index.php>)

Member Scientific Program Committee, *2021 EU Conference on modelling for policy support*, November 2021, Competence Centre on Modelling (CC-MOD)

Member Scientific Program Committee, *CREDIT 2021 Compound Risk: Climate, Disaster, Finance, Pandemic*, September 2021, Venice (<https://www.greta.it/index.php/it/credit-2021>)

Member Programme Committee, *30th Annual Meeting of European Financial Management Association (EFMA)*, June 2021, University of Leeds

Member Scientific Programme Committee, *14th International Conference on Computational and Financial Econometrics (CFE'20)*, December 2020, London (<http://cfenetwork.org/CFE2020>)

Chair Scientific Program Committee, *CREDIT 2020 Environmental, Social and Governance Risks*, September 2020, Venice (<http://www.greta.it/credit/credit2020/credit2020.htm>)

Member Programme Committee, *29th Annual Meeting of European Financial Management Association (EFMA)*, June 2020, University College Dublin, Ireland

Member Scientific Programme Committee, *4th International Conference in Econometrics and Statistics (EcoSta)*, July 2020, Seoul, Corea (<http://cmstatistics.org/EcoSta2020/>)

Member Scientific Programme Committee, *Mathematical and Statistical Methods for Actuarial Science and Finance (MAF2020)*, April 2020, Ginevra (<https://www.unige.ch/maf2020/>)

Local organiser, *IWEEE 2020 Second Italian Workshop of Econometrics and Empirical Economics*, January 2020, Venice

Member Scientific Program Committee and Local organiser, *CREDIT 2019 Assessing and Managing Climate Change Risk: Opportunities for Financial Institutions*, September 2019, Venice (<http://www.greta.it/credit/credit2019/credit2019.htm>)

Member of the Scientific Committee, *International Finance and Banking Society Conference (IFABS) Reinventing Banking and Sustainable Finance*, June 2019, Angers, France (<http://ifabs.org/conference/view/12>)

Member of the Scientific Committee, *26<sup>th</sup> International Conference on Forecasting Financial Markets*, June 2019, Venice (<http://ffmconference.com/>)

Member Scientific Committee, *Quantitative Finance and Financial Econometrics QFFE2019*, June 2019, Aix Marseille School of Economics (<https://qffe2019.sciencesconf.org/>)

Member Programme Committee, *Eighth Italian Congress of Econometrics and Empirical Economics (ICEEE)*, January 2019, Lecce, Italy

Member Scientific Programme Committee, *12th International Conference on Computational and Financial Econometrics (CFE'18)*, December 2018, Pisa Italy (<http://cfenetwork.org/CFE2018>)

Member Scientific Programme Committee, *DySES 2018 on Systemic Risk*, October 2018, Paris (<http://www.dyses2018.org/>)

Member Scientific Program Committee and Local organiser, *CREDIT 2018 Small Business, Financial Regulation and Big Data Analytics*, September 2018, Venice (<http://www.greta.it/credit/credit2018/credit2018.htm>)

Member Programme Committee, *27th Annual Meeting of European Financial Management Association (EFMA)*, June 2018, Università Cattolica del Sacro Cuore, Milan (<http://www.efmaefm.org/0EFMAMEETINGS/EFMA%20ANNUAL%20MEETINGS/2018-Milan/2018%20meetings.php>)

Member Scientific Committee, *Quantitative Finance and Financial Econometrics QFFE2018*, May 2018, Aix Marseille School of Economics (<https://qffe2018.sciencesconf.org/>)

Member Scientific Programme Committee, *Mathematical and Statistical Methods for Actuarial Science and Finance (MAF2018)*, April 2018, Madrid

Member Scientific Programme Committee, *11th International Conference on Computational and Financial Econometrics (CFE'17)*, December 2017, London (<http://www.cfenetwork.org/CFE2017/>)

Member Scientific Program Committee and Local organiser, *CREDIT 2017 Interest Rates, Growth and Regulation*, September 2017, Venice (<http://www.greta.it/credit/credit2017/credit2017.htm>)

Member of the Scientific Committee, *International Finance and Banking Society Asia Conference (IFABS) 2017*, August-September 2017, Ningbo, China (<https://www.conftool.com/ifabs2017-ningbo/>)

Member Programme Committee, *32nd Annual Congress of the European Economic Association (EEA)*, August 2017, Lisbon (<http://www.eea-esem-congresses.org/index.php?sezn=7&page=108>)

Member Programme Committee, *26th Annual Meeting of European Financial Management Association (EFMA)*, June-July 2017, Deree-The American College of Greece (<http://www.efmaefm.org/0EFMAMEETINGS/EFMA%20ANNUAL%20MEETINGS/2017-Athens/2017%20meetings.php>)

Member Scientific Programme Committee, *1st International Conference in Econometrics and Statistics (EcoSta)*, June 2017, Hong-Kong (<http://cmstatistics.org/EcoSta2017/>)

Programme Chair, *Seventh Italian Congress of Econometrics and Empirical Economics (ICEEE)*, January 2017, Messina, Italy ([http://virgo.unive.it/side/?page\\_id=1745](http://virgo.unive.it/side/?page_id=1745))

Member Scientific Programme Committee, *10th International Conference on Computational and Financial Econometrics (CFE'16)*, December 2016, Seville, Spain (<http://www.cfenetwork.org/CFE2016/>)

Co-Programme Chair, *European Seminar on Bayesian Econometrics (ESOBE 2016)*, October 2016, Venice (<http://virgo.unive.it/esobe2016/>)

Local organiser, *CREDIT 2016 New Credit Solutions for the Real Economy and their Implications for Investors, Financial Stability and Policy Design*, October 2016, Venice (<http://www.greta.it/credit/credit2016/credit2016.htm>)

Member Scientific Committee, *69th Econometric Society European Meeting (ESEM)*, August 2016, Geneva (<http://www.eea-esem-congresses.org/>)

Member Programme Committee, 25th Annual Meeting of European Financial Management Association (EFMA), June-July 2016, University of Basel, Switzerland (<http://www.efmaefm.org/0EFMAMEETINGS/EFMA%20ANNUAL%20MEETINGS/2016-Switzerland/2016meetings.php>)

Member Scientific Programme Committee, *Mathematical and Statistical Methods for Actuarial Science and Finance* (MAF2016), March-April 2016, Université Paris Dauphine, Paris (<http://maf2016-paris.dauphine.fr/fr.html>)

Local organiser, *CREDIT 2015 Societal Fault Lines and Credit Risk: The Impact of Current Economic, Institutional and Political Developments on Credit and Risk*, September 2015, Venice (<http://www.greta.it/credit/credit2015/credit2015.htm>)

Member Programme Committee, 24th Annual Meeting of European Financial Management Association (EFMA), June 2015, Nyenrode Business University, Netherlands (<http://www.efmaefm.org/0EFMAMEETINGS/EFMA%20ANNUAL%20MEETINGS/2015-Amsterdam/2015meetings.php>)

Member Scientific Programme Committee, SYRTO Code Conference, June 2015, Amsterdam

Member Scientific Programme Committee, 2<sup>nd</sup> International Conference on Sovereign Bond Markets, *Determinants of Sovereign Bonds Yields and the Effectiveness of Central Bank Intervention*, March 2015, Frankfurt (<http://www.greta.it/sovereign/sovereign2/sovereign2.htm>)

Member Programme Committee, *Sixth Italian Congress of Econometrics and Empirical Economics (ICEEE)*, January 2015, Salerno, Italy ([http://virgo.unive.it/side/?page\\_id=1284](http://virgo.unive.it/side/?page_id=1284))

Member International Organizing Committee, *8th International Conference on Computational and Financial Econometrics* (CFE'14), December 2014, Pisa (<http://www.cfenetwork.org/CFE2014/>)

Member Scientific Program Committee and Local organiser, *CREDIT 2014 The New Financial Regulatory System: Challenges and Consequences for the Financial Sector*, September 2014, Venice (<http://www.greta.it/credit/credit2014/credit2014.htm>)

Member Programme Committee, *68th Econometric Society European Meeting* (ESEM), August 2014, Toulouse, (<http://www.eea-esem-congresses.org/>)

Member Scientific Programme Committee, 1<sup>st</sup> International Conference on Sovereign Bond Markets, *Liquidity, Credit Risk and the Effectiveness of Central Bank Intervention*, June 2014, Tokyo (<http://www.greta.it/sovereign/sovereign1/sovereign1.htm>)

Member Programme Committee, *23rd Annual Meeting of European Financial Management Association* (EFMA), June 2014, Rome, (<http://www.efmaefm.org/0EFMAMEETINGS/EFMA%20ANNUAL%20MEETINGS/2014-Rome/2014meetings.html>)

Member Scientific Programme Committee, *7th International Conference on Computational and Financial Econometrics* (CFE'13), December 2013, London (<http://www.cfe-csda.org/cfe13/>)

Member Scientific Program Committee and Local organiser, *CREDIT 2013 Risk, Regulation and Opportunities in an Increasingly Interconnected World*, September 2013, Venice (<http://www.greta.it/credit/credit2013/credit2013.htm>)

Member Programme Committee, *22nd Annual Meeting of European Financial Management Association* (EFMA), June 2013, Reading, UK (<http://www.efmaefm.org/0EFMAMEETINGS/EFMA%20ANNUAL%20MEETINGS/2013-Reading/2013meetings.shtml>)

Member Scientific Programme Committee, *6th International Conference on Computational and Financial Econometrics* (CFE'12), December 2012, Oviedo Spain (<http://www.cfe-csda.org/cfe12/>)

Local organiser, *CREDIT 2012 Sovereign Risk and its Consequences for Financial Markets, Institutions and Regulation*, September 2012, Venice (<http://www.greta.it/credit/credit2012/credit2012.htm>)

Co-Chair *5th International Conference on Computational and Financial Econometrics* (CFE'11), December 2011, London (<http://www.cfe-csda.org/cfe11/>)

Member Scientific Program Committee and Local organiser, *CREDIT 2011 Stability of the Financial System and Risk Control in Banking, Insurance and Markets*, September 2011, Venice (<http://www.greta.it/credit/credit2011/credit2011.htm>)

Member Scientific Programme Committee, *4th International Conference on Computational and Financial Econometrics* (CFE'10), December 2010, London (<http://www.cfe-csda.org/cfe10/>)

Member Scientific Program Committee and Local organiser, *CREDIT 2010 Credit Risk, Systemic Risk, and Large Portfolios*, September 2010, Venice (<http://www.greta.it/credit/credit2010/credit2010.htm>)

Member International Programme Committee, *3rd International Conference on Computational and Financial Econometrics* (CFE'09), October 2009, Cyprus (<http://www.dcs.bbk.ac.uk/cfe09>)

Member Scientific Programme Committee and Local organiser, *CREDIT 2009 Financial Crises, Credit Risk, and the Macroeconomy*, September 2009, Venice (<http://www.greta.it/credit/credit2009/credit2009.htm>)

Local organiser, *CREDIT 2008 Liquidity and Credit Risk*, September 2008, Venice (<http://www.greta.it/credit/credit2008/credit2008.htm>)

Member Scientific Programme Committee, First Workshop of the ERCIM Working Group on Computing & Statistics, 19-21 June 2008, Neuchâtel, Switzerland (<http://www.dcs.bbk.ac.uk/ercim08/index.html>)

Local organiser, *CREDIT 2007 Credit Ratings*, September 2007, Venice (<http://www.greta.it/credit/credit2007/credit2007.htm>)

Member Organising Committee, VIII Workshop on Quantitative Finance, January 2007, Venice (<http://caronte.dma.unive.it/QuantitativeFinance2007/>)

Member Scientific Committee (Programme Chair Luc Bauwens), 17th EC 2 Meeting: The Econometrics of Monetary Policy and Financial Decision-Making, December 2006, Rotterdam (<http://www.ei50.org/ec2/>)

Local organiser, *CREDIT 2006 Risks in Small Business Lending*, September 2006, Venice (<http://www.greta.it/credit/credit2006/credit2006.htm>)

Local organiser, *CREDIT 2005 Counterparty Credit Risk*, September 2005, Venice (<http://www.greta.it/credit/credit2005/credit2005.htm>)

Member Scientific Committee (with Tim Bollerslev and Domenico Sartore), Journal of Applied Econometrics conference *Changing Structures in International and Financial Markets and the Effects on Financial Decision-Making*, June 2005, Venice ([www.greta.it/jae/jae.htm](http://www.greta.it/jae/jae.htm))

Member Programme Committee (Econometrics), *45a Riunione Scientifica Annuale della Società Italiana degli Economisti*, October 2004, Bologna

Local organiser, *CREDIT 2004 Validation of Credit Risk Models*, September 2004, Venice (<http://www.greta.it/credit/credit2004/credit2004.htm>)

Local organiser, *CREDIT 2003 Dependence Modelling for Credit Portfolios*, September 2003, Venice (<http://www.greta.it/credit/credit2003/credit2003.htm>)

Local organiser, *CREDIT 2002 Assessing the Risk of Corporate Default*, September 2002, Venice (<http://www.greta.it/credit/credit2002/credit.htm>)

Local organiser, *Econometric Society Winter Meeting*, January 2001, Venice