The Johns Hopkins Carey Business School
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Federico M. Bandi
Professor of Economics and Finance

Academic Positions

Johns Hopkins University, Carey Business School

Since Aug '09	Professor of Economics and Finance

University of Chicago, Booth School of Business

Sept '08 – Aug '09	Associate Professor of Econometrics and Statistics and the 2008/2009 David W. Johnson Professor
July '05 – July '06	Associate Professor of Econometrics and Statistics and the 2005/2006 David W. Johnson Professor
Sept '03 – Aug '09	Associate Professor of Econometrics and Statistics

(Fields: Finance and Monetary Theory)

Queen Mary and Westfield College, London, England
(January 1992 - June 1992)

Erasmus exchange program (Coursework in Finance and International Economics)

Professional Activities

Managing Editor, Journal of Financial Econometrics, July 2015 -
Co-Editor, Journal of Financial Econometrics, July 2012 – June 2015
Associate Editor, Journal of Financial Econometrics, January 2005 – July 2012
Associate Editor, Econometric Theory, January 2005 – present
Associate Editor, Journal of Business and Economic Statistics, January 2005 – present
Associate Editor, Econometrics Journal, March 2008 - present

Research interests

Financial econometrics, asset pricing, and market microstructure

Publications

"Short-term interest rate dynamics: a spatial approach"
Journal of Financial Economics, 65 (2002) 73-110

"Separating microstructure noise from volatility" (with Jeff Russell)
Journal of Financial Economics, 79 (2006) 655-692

"On the functional estimation of jump-diffusion models" (with Thong Nguyen)
Journal of Econometrics, 116 (2003) 293-328.

"A simple approach to the parametric estimation of potentially nonstationary diffusions"
(with Peter C. B. Phillips)
Journal of Econometrics, 137 (2007) 354-395

"Realized volatility forecasting and option pricing" (with Jeff Russell and Chen Yang)
Journal of Econometrics,

“Fully nonparametric estimation of scalar diffusion models” (with Peter C. B. Phillips)
Econometrica, 71 (2003) 241-283.

“Microstructure noise, realized variance, and optimal sampling” (with Jeff Russell)
Review of Economic Studies, 75 (2008) 339-369

Comment on “Realized variance and microstructure noise (Hansen and Lunde’s JBES invited lecture)” (with Jeff Russell)
Journal of Business and Economic Statistics, 24 (2006) 167-173

“Realized volatility forecasting in the presence of time-varying noise” (with Jeff Russell and Chen Yang)
Journal of Business and Economic Statistics, 31 (2013) 331-345

“Nonparametric nonstationarity tests” (with Valentina Corradi)
Econometric Theory, 30 (2014) 127-149

“Price and volatility co-jumps” (with Roberto Reno’)
Journal of Financial Economics, 119 (2016) 107-146

“Nonstationary continuous-time models” (with Peter C.B. Phillips)
Handbook of Financial Econometrics, North Holland, Elsevier (2009)

“Volatility” (with Jeff Russell)
Handbook of Financial Engineering, North Holland, Elsevier (2007) 183-222.

Working papers

“On the functional estimation of multivariate diffusion processes” (with Guillermo Moloche)

“Bandwidth selection for continuous-time Markov processes” (with Valentina Corradi and Guillermo Moloche)

“Nonparametric stochastic volatility” (with Roberto Reno’)

“Nonstationary cross-validation” (with Valentina Corradi and Daniel Wilhelm)

“Full-information transaction costs” (with Jeff Russell)

“On persistence and nonparametric estimation (with an application to stock return predictability)”

“Realized co-variation, realized beta, and microstructure noise” (with Jeff Russell)

“Excess idle time” (with Davide Pirino and Roberto Reno’)

“Economic uncertainty and predictability” (with Benoit Perron, Andrea Tamoni and Claudio Tebaldi)

“Business-cycle consumption risk and asset prices” (with Andrea Tamoni)

“The price level puzzle” (with Jeff Russell and Omid Sabbaghi)
Winner of the Standard & Poor’s best paper

Service

Johns Hopkins, University-wide :

Member of the Public Interest Investment Advisory Committee (PIIAC) – Since January 2015
Member of a task force charged with designing a new Business Minor – Since August 2015
Search Committee for a Bloomberg Distinguished Professor in Water Economics: member – August 2014

Johns Hopkins, Carey Business School

Curriculum committee
Chair of the School's Curriculum Committee – Since August 2014
Member of Carey's Curriculum Committee and Chair of the Finance and Economics Sub-committee – since August 2009

Academic board
Member of the Academic Board's Promotion, Tenure and Appointment Committee – since September 2013
Member of Carey's Academic Board – since November 2009

Recruiting:
Chair of the Finance Recruiting Committee – since August 2009

Programs
Chair of the Global MBA Curriculum Committee – February 2011 – September 2013
Chair of the EMBA Curriculum Committee – February 2011 – September 2014

Search Committee for the School's Vice Dean for Faculty and Research: member

More on professional activities

2016 Society for Financial Econometrics Annual Conference, Hong Kong – Member of the organizing committee

2016 Annual Meetings of the European Finance Association, Oslo – Member of the organizing committee

2015 Society for Financial Econometrics Annual Conference, Aarhus – Member of the organizing committee

2015 Annual Meetings of the European Finance Association, Vienna – Member of the organizing committee

2014 Society for Financial Econometrics Annual Conference, Toronto – Member of the organizing committee.

2011 European Meetings of the Econometric Society, Oslo – Member of the organizing committee.

2009 European Meetings of the Econometric Society, Barcelona – Invited speaker and member of the organizing committee.

2009 Society for Financial Econometrics Annual Conference, Geneva – Member of the organizing committee.

2006 Latin American Meetings of the Econometric Society, Mexico City – Member of the organizing committee.

Ad hoc Refereeing:

Decisions in Economics and Finance, Econometrica, Econometrics Journal, Econometric Reviews, Econometric Theory, Economics Bulletin, European Economic Review, National Science Foundation, Journal of the American Statistical Association, Journal of Business and Economic Statistics, Journal of Applied Econometrics, Journal of Econometrics, Journal of Economic Dynamics and Control, Journal of Finance, Journal of Financial Econometrics, Journal of Financial Economics, Journal of Financial and Quantitative Analysis, Quantitative Economics, Review of Economic Studies, Review of Economics and Statistics, Review of Financial Studies, Statistica Sinica.

Conference presentations and discussions

1. Western Finance Association Meetings (June 1999, Santa Monica, CA)
2. Cowles Foundation Conference Series: New Developments in Time Series Econometrics (October 1999, New Haven, CT) – Invited speaker
3. NBER/NSF: Working Group on Empirical Methods in Macro and Finance (July 17-21, 2000, Boston, MA)
4. NBER/NSF: Asset Pricing (July 17-21, 2000, Boston, MA)
5. World Conference of the Econometric Society (August 11-16, 2000, Seattle, WA)
6. European Finance Association Meetings (August 23-26, 2000, London, UK)
7. NBER/NSF: Time Series (September 23-24, 2000, Fort Collins, CO)
8. Annual Conference of the Gamma Foundation, BSI (November 8, 2000, Lugano, Switzerland) – Invited speaker
9. Winter Meetings of the Econometric Society (January 5-7, 2001, New Orleans, LA)
10. CRDE's Workshop on "Modeling, Estimating and Forecasting Volatility," (April 28, 2001, Montreal, Canada) – Invited speaker
11. Western Finance Association Meetings (June 2001, Tucson, AZ)
12. CIRANO workshop on Financial Mathematics and Econometrics (June 26-30, 2001, Montreal, Canada) – Invited speaker
13. Handbook of Financial Econometrics Conference (November 30 – December 2, 2001, Princeton, NJ) – Invited speaker
14. International Conference on "Current Advances and Trends in Nonparametric Statistics (July 15-19, 2002, Crete, Greece) – Invited speaker
15. European Meetings of the Econometric Society (August 2003, Stockholm, Sweden)
16. Latin American Meetings of the Econometric Society (August 2003, Panama City, Panama)
17. Winter Meetings of the Econometric Society (January 2004, San Diego, CA)
18. Conference on Econometric Forecasting and High-Frequency Data Analysis (May 2004, Singapore) – Invited speaker
19. International Chinese Statistical Association: Applied Statistics Symposium (June 6-9, 2004, San Diego, CA) – Invited speaker
20. Latin American Meetings of the Econometric Society (July 2004, Santiago, Chile)
21. European Finance Association Meetings (August 18-21, 2004, Maastricht, Netherlands)

22. First Italian Conference on Econometrics and Empirical Economics: invited Carlo Giannini Lecture (January 24-25, 2005, Venice, Italy) – Invited speaker
23. CIRANO-CIREQ Workshop on Financial Econometrics (May 20-21, 2005, Montreal, Canada) – Invited speaker
24. Western Finance Association Meetings (June 2005, Portland, Oregon)
25. Financial Engineering and Risk-Management Workshop (July 3-4, 2005, Shanghai, China) – Invited speaker
26. 2005 China International Conference in Finance (July 6-8, 2005, Kunming, China)
27. 2005 ASA Joint Statistical Meetings (August 7-11, 2005, Minneapolis, MN)
28. CIRANO-CIREQ Workshop on Financial Econometrics (April 22-23, 2006, Montreal, Canada) – Invited speaker
29. International Conference on Time Series Econometrics, Finance, and Risk (June 29-July 1, Perth, Australia) – Invited speaker
30. Latin American Meetings of the Econometric Society (November 2006, Mexico City, Mexico) – Invited speaker
31. CIRANO-CIREQ Workshop on Time Series (December 8-9, 2006, Montreal, Canada) – Invited speaker
32. Imperial College Workshop on High-Frequency Data (February 22, 2007, London, UK) – Invited speaker
33. Conference on Volatility and High-Frequency Data (April 21-22, 2007, Chicago) – Invited speaker
34. Imperial College Financial Econometrics Conference (May 18-19, 2007, London, UK) – Invited speaker
35. 75th Cowles Foundation Anniversary Conference "Looking to the Future: A New Generation of Econometricians" (June 11-12, 2007, New Haven, CT) – Invited speaker
36. Conference on “Recent Developments in Econometric Methodology” (January 25-26, 2008, Bergamo, Italy) - Invited speaker
37. Festschrift in honor of Peter Phillips (July 14-15, 2008, Singapore) – Invited speaker
38. Far Eastern and South Asian Meetings of the Econometric Society (July 16-18, 2008, Singapore) - Invited speaker
39. Deloitte Industry Day (September 10, 2008, Vienna) – Invited speaker
40. Hitotsubashi University’s International Conference “High Frequency Data Analysis in Financial Markets” (October 25-26, Tokyo) - Invited speaker
41. LSE Conference on “Recent Advances in High-Frequency Financial Econometrics” (November 15, 2008, London) – Invited speaker
42. Cass Conference “What went wrong? Financial Engineering, Financial Econometrics, and the Current Stress” (December 5-6, 2008, London) – Invited speaker
43. The North American Winter Meetings of the Econometric Society (January 3-5, 2009, San Francisco)
44. The Stevanovich Center-CREATES conference "Financial Econometrics and Statistics: Current Theme and New Directions" (June 4-6, 2009, Skagen, Denmark)
45. The First European SoFiE conference (June 10-12, 2009, Geneva, Switzerland)
46. European Meetings of the Econometric Society (August 23-26, 2009, Barcelona) – Invited speaker
47. The North American Winter Meetings of the Econometric Society (January 3-5, 2010, Atlanta).
48. SETA 2010 - The 2010 International Symposium on Econometric Theory and Applications (April 29 – May 1, 2010, Singapore) – Invited speaker
49. IRMC 2010 - International risk management conference (June 3 – June 5, 2010, Florence) – Invited speaker
50. Cass Conference “High-Dimensional Econometric Modelling” (December 3 and 4, 2010, London) - Invited speaker
51. CFE 2010 - Computational and Financial Econometrics Conference (December 10-12, 2010, London) – Invited speaker
52.

57. The Seventh Annual SoFie conference (Toronto, June 11-13, 2014)
58. Conference on Financial Econometrics (Montreal, December 12-13, 2015) – Invited speaker
60. Barcelona GSE summer forum (Barcelona, June 11-12, 2016) – Invited speaker
61. Keynote address, Australian Conference for Economists 2015 (Brisbane, July 7-10, 2015)
62. Conference in honor of Rene' Garcia (Montreal, August 16, 2016) – Invited speaker

Other invited presentations:

Bank of Canada, Bank of Japan, Berkeley (Haas), Bocconi University (Milan), Boston College (Economics), Brown University, Cass Business School (London), Cornell University (Economics), Crest (Paris), Duke University (Economics), Edhec Business School (Nice and Singapore), Ente Einaudi (Rome), Erasmus School of Economics (Rotterdam), Essec (Paris), Georgetown University (Economics), Federal Reserve Board, Hong Kong University of Science and Technology, Imperial College of London, Lehman Brothers (NYC), Humboldt University (Berlin), Johns Hopkins University (Carey Business School), Johns Hopkins University (Economics), Johns Hopkins University (Applied Mathematics), London Business School, London School of Economics, National University of Singapore (Finance), New York University (Stern), North Carolina State University, Northwestern University (Kellogg), Office of the Comptroller of the Currency, Princeton, Queen Mary and Westfield College, Rice University (Economics), Rochester (Simon), Rutgers (Economics Department), Rutgers Business School, Singapore Management University, Texas A&M (Economics), Tilburg School of Economics and Management, Tinbergen Institute (Amsterdam), Toulouse School of Economics, Universita' di Bologna, University of California at Los Angeles (Economics), University of California at San Diego (Economics), University of Chicago (Booth), University of Houston (Business), University of Indiana (Economics), University of Maryland (Economics), UMass at Amherst (Business), University of Montreal, Universita' di Napoli Federico II, University of Pennsylvania (Economics), University of Surrey, Universita' della Svizzera Italiana, University of Western Ontario (Economics), University of Wisconsin (Business),University of Wisconsin (Economics), Yale University (Economics), Yale University (School of Management), University of Warwick (Economics), University of Warwick (Business).

Professional Affiliations:

Edhec-Risk Institute Research Affiliate

American Finance Association
European Finance Association
Econometric Society

<u>Society for Financial Econometrics</u>

Elected Fellow in 2013
Council Member since 2013