

**Jean-Michel POGGI**, Professor of Statistics, *Paris-Descartes University & Lab. Maths Orsay University*  
Personal webpage: <http://www.math.u-psud.fr/~poggi/>  
Phd Thesis Statistics, Orsay Univ. 1986, HDR Statistics Marne-la-Vallée Univ. 1995

Vice-President of *ECAS* (European Courses in Advanced Statistics)  
Council member of the *ISI* (International Statistical Institute)  
Member of the Board of Directors of the ERS of *IASC* (International Assoc. for Statistical Computing)  
President of *ECAS* 2015-2017  
Vice-President *ENBIS* (European Network for Business and Industrial Statistics) 2015-2017  
Vice-President *FENStatS* (Federation of European National Statistical Societies) 2012-2017  
Member of the *EMS* Committee for Applied Mathematics 2014-2017  
President *SFdS* (Société Française de Statistique) 2011-2013  
Vice-President *SFdS* (2009-2011), Member of the *SFdS* Council (2007-2013)  
Member of the *Environnement Section* of the *SFdS* (2006-2011)  
Member of the *Conseil National des Universités* (CNU 26, Applied Maths section) (2003-2007)

Elected Member *ISI*, Member *TIES*, *IASC*, *SFdS*  
Associate Editor *Journal of Statistical Software* (since 2009), *CSBIGS* (since 2007), *Journal de la SFdS* (since 2009), *Revue de Statistique Appliquée* (2007-2009)

Research interests: Time series forecasting, wavelets, tree-based and resampling methods, applied statistics (mainly environment and energy) and software development.

#### Selected publications

- R. Genuer, J.-M. Poggi, C. Tuleau-Malot, N. Villa-Vialaneix, *Random Forests for Big Data*, *Big Data Research*, 9, 28-46, 2017
- A. Bar-Hen, J.-M. Poggi, *Influence Measures and Stability for Graphical Models*, *Journal of Multivariate Analysis*, Vol. 47, 145-154, 2016
- A. Antoniadis, X. Brossat, J. Cugliari, J.-M. Poggi, *A prediction interval for a function-valued forecast model. Application to load forecasting*. *Int. Journal of Forecasting*, 32(3), 939-947, 2016
- R. Genuer, J.-M. Poggi, C. Tuleau-Malot, *VSURF: Variable Selection Using Random Forests*, *The R Journal*, Vol. 7/2, 19-33, 2015
- A. Bar Hen, S. Gey, J.-M. Poggi, *Influence measures for CART Classification Trees*, *Journal of Classification*, Volume 32, Issue 1, 21-45, 2015
- M. Bobbia, M. Misiti, Y. Misiti, J.M. Poggi, B. Portier, *Spatial outlier detection in the PM10 monitoring network of Normandy (France)*, *Atmospheric Pollution Research*, 6, 476-483, 2015
- A. Antoniadis, X. Brossat, J. Cugliari, J.-M. Poggi, *Functional Clustering using Wavelets*, *Int. Journal of Wavelets, Multiresolution and Information Processing*, 11(1), 1350003, 30 p., 2013
- M Bobbia, F-X Jollois, J-M Poggi, B Portier, *Quantifying local and background contributions to PM10 concentrations in Haute-Normandie, using random forests*, *Environmetrics*, 22(6), 758-768, 2011
- F. Mhamdi, J.-M. Poggi, M. Jaidane, *Trend Extraction for Seasonal Time Series using Ensemble Empirical Mode Decomposition*, *Advances in Adaptive Data Analysis*, 3(3), 363-383, 2011
- J.-M. Poggi, B. Portier, *PM10 forecasting using clusterwise regression*, *Atmospheric Environment*, 45 (38), 7005-7014, 2011
- R. Genuer, J.-M. Poggi, C. Tuleau, *Variable selection using Random Forests*, *Pattern Recognition Letters*, 31(14), p. 2225-2236, 2010
- M. Misiti, Y. Misiti, G. Oppenheim, J.M. Poggi, *Optimized Clusters for Disaggregated Electricity Load Forecasting*, *REVSTAT – Statistical Journal*, 8(2), 105-124, 2010
- A. Antoniadis, I. Gijbels, J.-M. Poggi, *Smoothing non equispaced heavy noisy data with wavelets*, *Statistica Sinica*, 19(4), 1371-1387, 2009
- M. Amin Ghafari, J.M. Poggi, *Forecasting time series using wavelets*, *Int. Journal of Wavelets, Multiresolution and Information Processing*, vol. 5(5), 709-724, 2007
- S. Gey, J.M. Poggi, *Boosting and Instability for regression trees*, *Computational Statistics and Data Analysis*, 50, 533-550, 2006
- M. Amin Ghafari, N. Chèze, J.M. Poggi, *Multivariate denoising using wavelets and principal components*, *Computational Statistics & Data Analysis* 50, 2381- 2398, 2006