

Dr. Silvia Montagna

CONTACT INFORMATION	Department of Statistics University of Warwick Coventry, CV4 7AL, UK	<i>Phone:</i> (+44) 7922-757-404 <i>E-mail:</i> S.Montagna@warwick.ac.uk <i>Citizenship:</i> Italian
ACADEMIC POSITION	Post-doctoral Research Fellow Department of Statistics, University of Warwick (UK), January 2014 – present	
EDUCATION	Duke University , Durham, North Carolina USA (August 2009 - December 2013) Ph.D. in Statistical Science, <i>Adviser:</i> Prof. Surya T. Tokdar <i>Thesis title:</i> On Bayesian Analyses of Functional Regression, Correlated Functional Data and Non-homogeneous Computer Models Collegio Carlo Alberto , Moncalieri, Italy (September 2007 - July 2009) Master of Arts in Economics Università degli Studi di Torino , Torino, Italy (September 2007 - July 2009) Master of Arts (Laurea Magistrale <i>summa cum Laude</i>) in Economics Università degli Studi di Pavia , Pavia, Italy (September 2004 - July 2007) Bachelor of Arts in Economics	
RESEARCH INTERESTS	Bayesian statistics, computer emulation, nonparametric Bayes, functional data analysis, Gaussian processes, latent variable methods, uncertainty quantification	
RESEARCH PAPERS	Montagna, S. , Tokdar, S. T., Neelon, B., and Dunson, D. B. (2012). Bayesian Latent Factor Regression for Functional and Longitudinal Data. <i>Biometrics</i> , Vol. 68 , 1064–1073. Montagna, S. , and Tokdar, S. T. (2015). Computer Emulation with Non-stationary Gaussian Processes. <i>Journal on Uncertainty Quantification</i> , accepted for publication.	
WORKING PAPERS	Montagna, S. , Irincheeva, I., and Tokdar, S. T. (2015). High-dimensional Bayesian Fourier Analysis for Detecting Circadian Gene Expressions. Montagna, S. , Wager, T., Feldman Barrett, L., Johnson, T. D., and Nichols, T. E. (2015). Spatial Bayesian Latent Factor Regression Modelling of Coordinate-based Meta-analysis Data. Samartsidis, P., Montagna, S. , Johnson, T. D., and Nichols, T. E. (2015). The Coordinate-based Meta-analysis of fMRI data.	
INVITED/ CONTRIBUTED TALKS	<i>Statistics Seminars</i> , Bocconi University, Milan, Italy, April 2016 <i>Spatial Statistics: Emerging Patterns</i> . University of Avignon, Avignon, France, June 2015 <i>7-th International Conference of the ERCIM Working Group on Computational and Methodological Statistics</i> . University of Pisa, Pisa, Italy, December 2014 <i>High-Dimensional Bayesian Fourier Analysis</i> , Seminar. Nestlé Institute of Health Sciences, Lausanne, Switzerland, January 2014 <i>Statistics Seminars</i> , Collegio Carlo Alberto, Moncalieri, Italy, December 2012	
OTHER PRESENTATIONS	<i>Organisation for Human Brain Mapping 2015 Annual Meeting</i> , Hawaii Convention Center, Honolulu, Hawaii, June 2015 (poster) <i>International Society for Bayesian Analysis (ISBA) 2012 World Meeting</i> , Kyoto, Japan, June 2012 (poster) <i>Statistical and Applied Mathematical Sciences Institute (SAMSI)</i> , Research Triangle Park, NC USA, April 2012 (poster)	

AWARDS AND
SCHOLARSHIPS

SAMSI Graduate Student Fellowship

SAMSI, Research Triangle Park, NC USA, August 2011 - June 2012

Early Career Researchers Travel Grant

ISBA 2012 World Meeting, Kyoto, Japan, June 2012

PROFESSIONAL
SERVICE

Program Chair of the *j*-ISBA Section of ISBA, January 2014 - present

Member of International Society for Bayesian Analysis

Co-organiser of the Neuroimaging Statistics Reading Group, University of Warwick, September 2014 - present

Co-organiser of the Young Researchers Meeting, University of Warwick, September 2015 - present

EDITORIAL
ACTIVITY

Reviewed articles for: *Biometrics*, *Journal of the American Statistical Association (Applications and Case Studies)*, *NeuroImage*, *Technometrics*

TEACHING
EXPERIENCE

Duke University, Durham, North Carolina USA

Instructor of Probability and Statistical Inference, May 2013 - June 2013

Teaching Assistant, August 2010 - May 2013

COMPUTER SKILLS

Matlab, R, Bash/Unix Utilities. Familiar with Windows, Mac OS and Linux

REFERENCES

Available upon request