

# Bayes 2013: Workshop on Bayesian Spatio-Temporal Modelling

8-9 October 2013

## Programme

### Tuesday 8 October

14:00-14:10	Opening	
14:10-15:10	<b>Peter Diggle</b> (Lancaster University)	Analyse problems, not data: de-classifying spatial statistical methods
15:10-15:30	<b>Anne-Marie Lyne</b> (UCL)	Russian Roulette MCMC for posterior inference in spatial and lattice models
15:30-16:00	Coffee break	
16:00-17:00	<b>Gavin Gibson</b> (Heriot Watt University)	Testing spatio-temporal models for epidemics using latent residuals in the Bayesian framework
17:00-19:00	Posters, wine reception and beer tasting	

### Wednesday 9 October

9:20 – 10:20	<b>Adam Butler</b> (BioSS)	Some applications of Bayesian methods in hydrology and applied ecology
10:20 -10:40	Sam Livingstone (UCL)	F Diffusions on Manifolds for Efficient MCMC on Spatial Models
10:40-11:10	Coffee break	
11:10-12:10	<b>Andrew Zammit-Mangion</b> (University of Bristol)	Dynamic spatio-temporal point-process modelling with application to violent conflict
12:10-12:30	James Barrett (KCL)	Bayesian analysis of time to event data using Gaussian Process regression
12:30- 13:30	Lunch	
13:30- 14:30	Jonty Rougier (University of Bristol)	Catalogue augmentation for large volcanic eruptions
14:30-14:35	Closing	