Bayesian Data Analysis Workshop
6 - 7 May 2013 at Orion Pharma
Orionintie 1A, Espoo

Monday 6 May

Time	Topic	Speaker
9:00 – 9:15	Coffee + sandwich	
9:15 – 11:30	*Bayesian statistics: What, and Why?[1]*	Elja Arjas, University of Helsinki
11:30 – 12:30	Lunch Break	
12:30 – 14:30	Case Stories of Bayesian Data Analysis:	
	In project Violent Crime: Bayesian Logistic Regression anything else than Lasso Regression?	Bodil Svennblad, Uppsala Clinical Research Center (UCR)
	Bayesian ADEPT – Preclinical Data used for Human Dose Prediction	John Aspegren, Orion Pharma
14:30 – 14:45	Break	
14:45 – 16:45	Case Stories of Bayesian Data Analysis:	
	Modelling and analysis of time in-homogeneous recurrent event processes in a heterogeneous population: A case study of HRTs	Elja Arjas, University of Helsinki
	Campylobacter Risk Assessment: Bayesian Inference, Predictive Microbiology and Uncertainty	Jukka Ranta, Finnish Food Safety Authority Evira
16:45 – 17:00	Break	
17:00 – 18:00	SSL Annual General Meeting	
18:30 –	Dinner	Ravintola Saaga, Bulevardi 34, Helsinki

Tuesday 7 May

Time	Topic	Speaker
9:00 – 9:15	Coffee + something to bite	
9:15 – 12:00	Hands-on OpenBUGS Demonstration based on Case *Campylobacter Risk Assessment*	Jukka Ranta, Finnish Food Safety Authority Evira

The 90€ registration fee will include the scientific sessions plus catering on both days as detailed above.

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1 General lecture focusing on following topics:
- Understanding the concepts of randomness and probability: Does it make a difference?
- Considering directions: From parameters to data, or from data to parameters?
- Distinguishing between physical and logical independence
- Understanding the concept of exchangeability and its role in statistical modeling
- What is more useful: Testing statistical hypotheses, or making predictions