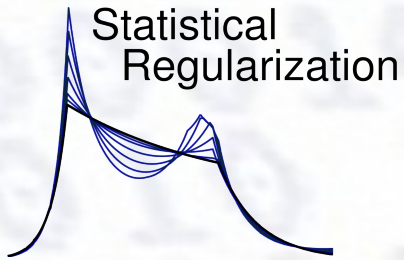


The DFG-SNF Research Group FOR916 “Statistical Regularization” and the Research Training Group 1023 “Identification in Mathematical Models” present a



Lecture Series

on

“The Bayesian Approach to Inverse Problems”

by

Prof. Andrew Stuart
(University of Warwick)

May 29 - 31, 2012

at

Georg-August University Göttingen
Institute for Mathematical Stochastics

May 29, 2012,	10:00-12:00 - Lecture I 17:00-18:00 - Discussion of Exercises
May 30, 2012,	10:00-12:00 - Lecture II 17:00-18:00 - Discussion of Exercises
May 31, 2012,	10:00-12:00 - Lecture III 17:00-18:00 - Discussion of Exercises

Topics:

- Examples of Inverse Problems
- Introduction to the Bayesian Approach
- Well-Posed Bayesian Inverse Problems
- MCMC Methods for the Posterior
- Posterior Consistency

Registration: Please register until February 1st, 2012 with FOR916@stochastik.math.uni-goettingen.de

Venue: Seminar Room 5.101, Institute for Mathematical Stochastics (IMS)
Address: Goldschmidtstr. 7, 37077 Göttingen