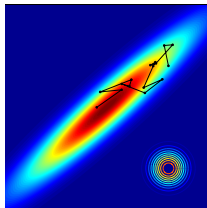# Bayesian Computation

Part I, Monday, May 25, 16:00–18:00, Sali 10:

- ▶ **Felix Lucka**, *Recent Advances in Bayesian Inference for Inverse Problems*
- ▶ **Iryna Sivak**, *A Bayesian Framework for the Detection of Sharp Transitions*
- ▶ **Youssef Mazouk**, *Likelihood-informed Dimension Reduction in Nonlinear Inverse Problems*
- ▶ **Daniela Calvetti**, *Where Bayes meets Krylov: Bayesian iterative linear solvers for inverse problems*

Part II, Tuesday, May 26, 16:00–18:00, Sali 3:

- ▶ **Tan Bui-Thanh**, *Recent advances in solution of large-scale Bayesian inverse problems*
- ▶ **Aki Pulkkinen**, *Spectral quantitative photoacoustic tomography: parameter estimation using a Bayesian approach*
- ▶ **Petri Varvia**, *A Bayesian Approach to Hyperspectral Remote Sensing of Canopy LAI*
- ▶ **Martin Simon**, *Bayesian approach to the inverse problem of option pricing and detection of financial bubbles*