

Wednesday, November 13

08:30 – 09:00	Registration
09:00	Opening Hermann G. Matthies (Braunschweig) Parametric and stochastic problems – an overview of computational methods (Lecture I)
10:30 – 11:00	– Coffee Break –
11:00	Robert Scheichl (Bath) Numerical analysis of elliptic PDEs with random coefficients (Lecture I)
12:30 – 14:00	– Lunch Break –
14:00	Fabio Nobile (Lausanne) Stochastic collocation and multi level Monte Carlo methods for elliptic PDEs with random coefficients
14:45	Alexey Chernov (Reading) Convergence analysis for multilevel variance estimators in multilevel Monte Carlo methods and application for random obstacle problems
15:30 – 16:00	– Coffee Break –
16:00	Oliver Ernst (Chemnitz) UQ for groundwater flow
16:45	Francesca Bonizzoni (Lausanne) Low-rank techniques applied to moment equations for the stochastic Darcy problem with lognormal permeability
17:30	Vincent Heuveline (Heidelberg) Uncertainty quantification and high-performance computing: application to flow problems

Thursday, November 14

09:00	Hermann G. Matthies (Braunschweig) Parametric quantities, their representations and factorizations, and inverse identification methods (Lecture II)
10:30 – 11:00	– Coffee Break –
11:00	Nicolas Dirr (Cardiff) PDEs and variational problems with random coefficients (Lecture I)
12:30 – 14:00	– Lunch Break –
14:00	Wolfgang Nowak (Stuttgart) Freedom, subjectivity, robustness and in uncertainty quantification: What to do if the input statistics are uncertain?
14:45	Anthony Nouy (Nantes) Random fields representations for stochastic elliptic boundary value problems and high-dimensional statistical inverse problems
15:30 – 16:00	– Coffee Break –
16:00	Werner Römisch (Berlin) Convergence of solutions of approximate random equations
16:45	Martin Eigel (Berlin) Advances in adaptive stochastic Galerkin FEM
19:00	Dinner

Friday, November 15

09:00	Robert Scheichl (Bath) Novel Monte Carlo methods and uncertainty quantification (Lecture II)
10:30 – 11:00	– Coffee Break –
11:00	Nicolas Dirr (Cardiff) PDEs and variational problems with random coefficients (Lecture II)
12:30	Closing