

Algorithms and Complexity for Cont. Problems – Tuesday, September 25

9:00-9:30	Tino Ullrich	Optimal cubature in Sobolev-Besov spaces of dominating mixed smoothness
9:30-10:00	Marguerite Zani	Pointwise approximation for additive random fields
10:00-10:20	Anargyros Papageorgiou	On the role of tractability conditions for multivariate problems
10:20-10:40	Iasonas Petras	Repeated phase estimation: approximating the ground state energy of the Schroedinger equation
Break		
11:00-11:30	Peter Mathe	Statistical inverse problems
11:30-12:00	Gunther Leobacher	Orthogonal transforms for QMC
Lunch Break		
14:50-15:10	Martin Altmayer	Quadrature of discontinuous functionals using Malliavin calculus
15:10-15:30	Pawel Przybylowicz	Optimal approximation of SDE with time-irregular coefficients via randomized Euler algorithm
Break		
16:00-16:20	Daniel Rudolf	On the slice sampler
16:20-16:40	Mario Hefter	Infinite integration with respect to $N(0,1)^{\mathbb{N}}$