

Schedule for the first annual RTG 2088 Workshop in 2016, Waldhotel Berghof, Luisenthal

last updated: September 19, 2016

Tuesday, Oct. 4

- ▶ Bus Departure: NAM 9:00
IMS ca. 9:20
- ▶ Lunch: 12:00
- ▶ Opening Remarks: 13:15
- ▶ Block 1. Chair: Tatyana Krivobokova

Time	Speaker	Title
13:30-14:05	Merle Behr	Multiscale Inference for Blind Demixing
14:05-14:40	Max Sommerfeld	Distributional Limits for Empirical Wasserstein Distances on Discrete Spaces
14:40-15:15	Miguel Del Alamo	Variational Multiscale Estimators: Theory and Applications

- ▶ Coffee Break
- ▶ Block 2. Chair: Anita Schöbel

Time	Speaker	Title
15:45-16:20	Laura Fee Schneider	Selection of Tuning Parameters in Extreme Value Theory
16:20-16:55	Marco Botte	Phylogenetic Tree Space Induced Location Problems

- ▶ Break
- ▶ Block 3. Chair: Dominic Schuhmacher

Time	Speaker	Title
17:10-17:45	Jörn Schrieber	Computational Aspects of Optimal Transport
17:45-18:20	Atika Batool Naqvi	On Line Divergence

- ▶ Dinner: 18:30

Wednesday, Oct. 5

► Breakfast: 07:30

► Block 1. Chair: Max Wardetzky

Time	Speaker	Title
08:30-09:05	Yusufu Simayi	Optimal Convergence Rates of Regularization Methods for Linear Statistical Inverse Problems
09:05-09:40	Julian Eckhardt	Regularization by Indefinite Operators Arising in Elastic Energy Functionals for Curves
09:40-10:15	Benjamin Sprung	Higher Order Convergence Rates for Inverse Problems with Poisson Data

► Coffee Break

► Block 2. Chair: Anja Sturm/Russell Luke

Time	Speaker	Title
10:45-11:20	Neal Hermer	Stochastic Fixed-Point Algorithms
11:20-11:55	Hieu Thao Nguyen	Necessary Condition for Linear Convergence of Fixed-Point Operators
11:55-12:30	Stefan Anell	Differential Homology

► Lunch: 12:45

► General Assembly 14:00

► Hiking Excursion 15:00-18:00 (if weather allows it)

► Dinner: 18:30

Thursday, Oct. 6

- ▶ Breakfast: 07:30
- ▶ Block 1. Chair: Stephan Huckemann

Time	Speaker	Title
08:30-09:05	Kilian Stampfer	Ellipse-Fitting Using Prony's-Method – A Statistical Point of View and Possible Generalizations
09:05-09:40	Robin Richter	Sparse Stochastic Processes in Fingerprints
09:40-10:15	David James	Matrix Factorization with Binary Components – Uniqueness in a Randomized Model

- ▶ Coffee Break
- ▶ Block 2: Chair: Felix Kraemer

Time	Speaker	Title
10:45-11:20	Vlada Pototskaia	Application of the AAK Theory and Prony-Like Methods for Approximation of Exponential Sums
11:20-11:55	Renato Budinich	Image Compression with Region Based Easy Path Wavelet Transform
11:55-12:30	Sina Bittens	Sublinear-Time Fourier Algorithms

- ▶ Lunch: 12:40
- ▶ Bus Departure: 13:30