

Schedule for the second annual RTG 2088 Workshop in 2017, LHVS Mariaspring, Eddigehausen

last updated: September 19, 2017

Monday, September 25

- ▶ Arrival: Please take care of the journey yourself (bike, bus, car sharing...).
- ▶ Lunch: 12:15
- ▶ Opening Remarks: 13:15 Thorsten Hohage
- ▶ Block 1. Chair: Anita Schöbel

Time	Speaker	Title
13:30-14:05	Marco Botte	Solution Approaches for the Median Problem in Treespace
14:05-14:40	Jörn Schrieber	Cost-Dependent Clustering: A General Multiscale Approach to Optimal Transport
14:40-15:15	Yusufu Simayi	Optimal convergence rates for variational regularization of Poisson inverse problem

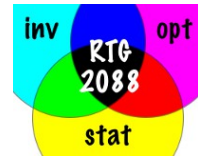
- ▶ Coffee Break
- ▶ Block 2. Chair: Axel Munk

Time	Speaker	Title
15:45-16:20	Merle Behr	Finite Alphabet Blind Separation
16:20-16:55	Miguel Del Alamo	Multiscale Total Variation Regularization

- ▶ Break
- ▶ Block 3. Chair: Andrea Krajinina

Time	Speaker	Title
17:10-17:45	Max Sommerfeld	Confidence regions for spatial excursion sets from repeated random field observations, with an application to climate
17:45-18:20	Carla Taming	Statistical inference for the Wasserstein distance on countable spaces - with application to superresolution microscopy

- ▶ Dinner: 18:30
- ▶ General Assembly: 19:30



Tuesday, September 26

► Breakfast: 07:30

► Block 1. Chair: Stephan Huckemann

Time	Speaker	Title
08:30-09:05	Kilian Stampfer	An Algorithm for Fitting 3D-Ellipsoids on SAR-Grids
09:05-09:40	Robin Richter	Modifying a TV-l2 algorithm by using a Laplacian-based wavelet
09:40-10:15	Renato Budinich	A 2D Haar-like Sparse Dictionary Learning Method

► Coffee Break

► Block 2. Chair: Gerlind Plonka-Hoch

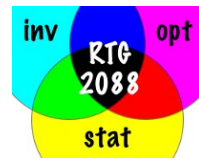
Time	Speaker	Title
10:45-11:20	Ingeborg Keller	The generalized Prony method
11:20-11:55	Vlada Pototskaia	Sparse approximation of exponential sums by AAK theory
11:55-12:30	Sina Bittens	A Deterministic Sparse FFT for Functions with Structured Fourier Sparsity

► Lunch: 12:45

Time	Speaker	Title
14:00-14:35	Cong Shi (PostDoc)	Introduction to Photoacoustic Imaging

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

► Dinner: 18:30



Wednesday, September 27

- ▶ Breakfast: 07:30
- ▶ Block 1. Chair: Anja Sturm / Russell Luke

Time	Speaker	Title
08:30-09:05	Neal Hermer	Stochastic feasibility problem
09:05-09:40	Julian Eckhardt	Iterative regularization on a shape-manifold and applications to inverse obstacle scattering
09:40-10:15	Jakob Geppert	Shearlet Filtering for Fresnel Domain Phase Retrieval

- ▶ Coffee Break
- ▶ Block 2: Chair: Thorsten Hohage

Time	Speaker	Title
10:45-11:20	Benjamin Sprung	Higher order convergence rates for Bregman iterated variational regularization of inverse problems
11:20-11:55	Laura Fee Schneider	Threshold Selection in Univariate Extreme Value Analysis
11:55-12:30	Stefan Anell	The reach of a manifold

- ▶ Lunch: 12:40
- ▶ Departure: Please take care of the journey yourself (bike, bus, car sharing...).