

Schedule for the 7th Annual RTG 2088 Workshop 2022 in Hotel Hessenkopf, Goslar

current status: August 25, 2022

Monday, August 29

► Lunch 13.00

► Block 1. Chair: Viktor Bezborodov

Time	Speaker	Title
13.45-14.20	Moritz Wemheuer	CLT for Combinatorial Optimisation Problems in Sparse Weighted Inhomogeneous Random Graphs
14.20-14.55	Shayan Hundrieser	Empirical Optimal Transport and the Lower Complexity Adaptation Principle
14.55-15.30	Florian Heinemann	(p,C)-Kantorovich-Rubinstein Distance and Barycenter: Structural Properties of Unbalanced Optimal Transport

► Coffee Break

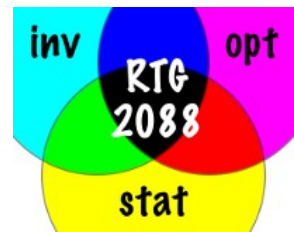
► Block 2. Chair: Mina Saeed Bostanabad

Time	Speaker	Title
16.00-16.35	Philipp Mückan	Stability Estimates and Error Bounds for Regularisation Methods for a Random Inverse Source Problem
16.35-17.10	Jannik Röscher	The Tangent-Point Energy

► Short Break

► General Assembly 17.15

► Dinner 18.30



Schedule for the 7th Annual RTG 2088 Workshop 2022 in Hotel Hessenkopf, Goslar

current status: August 25, 2022

Tuesday, August 30, 2022

► Breakfast 07.45

► Block 1. Chair: Do Tran Van

Time	Speaker	Title
08.45-09.20	Leo Suchan	Asymptotics and Applications of Discretized Graph Cuts
09.20-09.55	Leoni Wirth	Approximation of Spatial Random Graphs
09.55-10.30	Marianne Abemgnigni Njifon	A Graph Convolutional Network Method for Prediction with Spatial Data

► Coffee Break

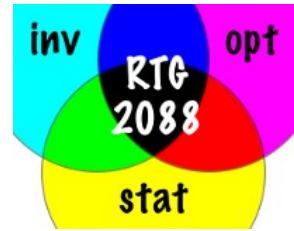
► Block 2. Chair: Nadiia Derevianko

Time	Speaker	Title
11.00-11.35	Mina Saeed Bostanabad	Cutting Quadratic Method for Min-Max Problem
11.35-12.10	Thi Lan Dinh	Phase Retrieval for 3D Photoemission Orbital Tomography
12.10-12.45	Benjamin Kocurov	Reconstruction in Parallel MRI

► Lunch 13.00

► Excursion 14.00-18.30

► Dinner 18.30



Schedule for the 7th Annual RTG 2088 Workshop 2022 in Hotel Hessenkopf, Goslar

current status: August 25, 2022

Wednesday, August 31, 2022

► Breakfast 07.45

► Block 1. Chair: Yurii Kolomoitsev

Time	Speaker	Title
08.45-09.20	Nadiia Derevianko	ESPIRA: Estimation of Signal Parameters by Iterative Rational Approximation
09.20-09.55	Yannick Riebe	Spline Representation of One-Dimensional ReLU Neural Networks
09.55-10.30	Raha Razavi	Denoising of OCT Images by Combining X-Lets Using Morphological Component Analysis

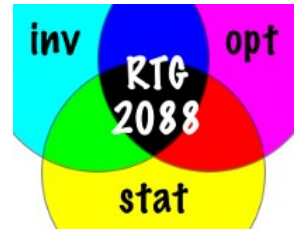
► Coffee Break

► Block 2. Chair: Florian Heinemann

Time	Speaker	Title
11.00-11.35	Lars Lammers	The Degree of Stickiness
11.35-12.10	Do Tran Van	Law of Large Number for Optimal Representation and Improved Two-Sample Statistic Test on Non-Smooth Quotient Settings
12.10-12.45	Viktor Bezborodov	A Swarm of Brownian Bees with Random Replacement

► Lunch 13.00

► Departure (Unless you also participate in the CRC 1456 Retreat)



Regarding travel to the hotel:

If you go by **train**, you can take the **bus** from the train station Goslar to the hotel location (<https://www.hessenkopf-goslar.de/>). From the closest bus stop it is still around 900m by foot until you get there.

Alternatively you can use a taxi service. In that case I would ask you to **coordinate** with your peers and get one or two collective taxis. We have had good experience with Maxi Taxi (www.maxitaxi.gs / Mail: info@maxitaxi.gs / Phone: 05321 339955). You can call them in advance to let them know, when you arrive and how many people will use the taxi service. Or you call, when you arrive. They will need around 10-15 minutes to get you.

If you use this option, one of you would need to pay in advance and get a reimbursement of the costs through LUCOM (I sent all approved travel applications back for further use).

Please note: **Maxi Taxi will only accept cash.**