

Monday, August 28

- 08:45 – 09:00 Opening
- 09:00 – 10:00 Stefan Steinerberger – Well-distributed point configurations
- 10:00 – 10:30 Coffee
- 10:30 – 11:00 Alexander Litvak – On the minimal dispersion in the unit cube
- 11:00 – 11:30 François Clement – TBA
- 11:30 – 12:00 Olivier Teytaud – Well-distributed point configurations for Text2Image AI:
open problems
- 12:15 – 14:45 Lunch Break
- 14:45 – 15:45 Peter Kritzer – TBA
- 15:45 – 16:15 Coffee
- 16:15 – 16:45 Marcin Wnuk – Randomized approximation of summable sequences - adap-
tive and non-adaptive
- 16:45 – 17:15 Abirami Srikumar – Multilevel methods for kernel interpolation
- 17:15 – 17:45 Weiwen Mo – TBA
- 18:00 Dinner

Tuesday, August 29

- 09:00 – 09:10 Erich Novak – announcements
09:10 – 10:10 Klaus Ritter – Infinite-Variate Problems
Chair: Michael Gnewuch
- 10:10 – 10:30 Coffee
- 10:30 – 11:00 Robin Rübmann – Integration and L^2 -Approximation on Gaussian Spaces
11:00 – 11:30 Steffen Dereich – On optimal ReLU networks
11:30 – 12:00 Robert Kunsch – Optimal confidence intervals for randomized quadrature
Chair: Daniel Rudolf
- 12:15 – 14:45 Lunch Break
- 14:45 – 15:45 Mario Ullrich – Linear and Standard Information
Chair: Erich Novak
- 15:45 – 16:15 Coffee
- 16:15 – 16:45 Kateryna Pozharska – Sampling recovery in the uniform and other norms
16:45 – 17:15 David Krieg – Tractability in unweighted function classes
Chair: Tino Ullrich
- 18:00 Dinner

Wednesday, August 30

- 09:00 – 10:00 Thomas Müller-Gronbach – On the complexity of strong approximation of SDEs with a non-Lipschitz drift coefficient
Chair: Paweł Przybyłowicz
- 10:00 – 10:30 Coffee
- 10:30 – 11:00 Paweł Przybyłowicz – Randomized Euler algorithm for SDEs with drift in integral form and its connection with Perturbed SGD
- 11:00 – 12:00 PROBLEM SESSION
Chair:
- 12:15 – 14:45 Lunch Break
- 14:45 – 18:00 FREE AFTERNOON: hiking, excursions, discussions, collaborations
- 18:00 Dinner

Thursday, August 31

- 09:00 – 09:30 Peter Mathé – Complexity of composite linear problems
09:30 – 10:00 Stefan Heinrich – Results and open questions around the adaption problem
Chair: Marcin Wnuk
- 10:10 – 10:30 Coffee
- 10:30 – 11:00 Mathias Sonnleitner – Large holes in large point sets
11:00 – 11:30 Michelle Mastrianni – Fixed radius spherical cap discrepancy
11:30 – 12:00 Christian Weiß – Some Computational Approaches to the Pair Correlation
Statistic
Chair: Stefan Steinerberger
- 12:15 – 14:45 Lunch Break
- 14:45 – 15:15 Kumar Harsha – Data Compression using Lattice Rules for Machine Learning
14:45 – 15:15 Dirk Nuyens – Training of DNNs with lattice rules
Chair: Frances Kuo
- 15:45 – 16:15 Coffee
- 16:15 – 16:45 Mike Giles – Multilevel Function Approximation
16:45 – 17:15 Alexander Keller – Instant Neural Graphics Primitives
Chair: Stefan Heinrich
- 18:00 Dinner

Friday, Sep, August 30

09:00 – 09:30 Tino Ullrich –

09:30 – 10:00 Laura Lippert –
Chair: David Krieg

10:00 – 10:30 Coffee

10:30 – 11:00 Zexin Pan – Super-polynomial Accuracy of Median-of-means

11:00 – 11:30 Laurence Wilkes –
Chair: Peter Kritzer

12:15 – 14:45 Lunch