

Minisymposium 6

Diskrete Geometrie und Diskrete Topologie

Martin Henk (Magdeburg), Frank Lutz (Berlin)

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Dienstag, 20. September**Hörsaalgebäude, HS E**

- 14:00 Günter M. Ziegler (Berlin)
Polytopes with Few Degrees of Freedom
- 15:00 Karim Adiprasito (Berlin)
Inducing Discrete Morse Functions and Collapsibility of Spaces of Bounded Curvature
- 15:30 Andreas Paffenholz (Darmstadt)
Permutation Polytopes
- 16:00h – 16:30h Pause**
- 16:30 Eva Maria Feichtner (Bremen)
Rigid Rips Complexes and Topological Data Analysis
- 17:30 Gennadiy Averkov (Magdeburg)
Compact Polynomial Representations of Special Semialgebraic Sets
- 18:00 Barbara Langfeld (Kiel)
Are Planar Lattice-Convex Sets Determined by Their Covariogram?

Mittwoch, 21. September**Hörsaalgebäude, HS E**

- 14:00 Pavle Blagojević (Berlin)
On the Trail of Topological Tverberg Conjecture
- 15:00 Jonathan Spreer (Stuttgart)
Slicings of Combinatorial 3-Manifolds
- 15:30 Matthias Henze (Magdeburg)
Blichfeldt-Type Inequalities and Central Symmetry
- 16:00h – 16:30h Pause**
- 16:30 Raman Sanyal (Berkeley)
Deciding Polyhedrality of Spectraheda
- 17:30 Tim Netzer (Leipzig)
Spectraheda
- 18:00 Hartwig Bosse (Frankfurt)
t.b.a.

Donnerstag, 22. September**Hörsaalgebäude, HS E**

- 14:00 Thorsten Theobald (Frankfurt)
Combinatorial Aspects of Tropical Intersections and Self-Intersections
- 15:00 René Brandenburg (München)
k-Center, Core-Sets, and Successive Radii – Dimension Reduction in Computational Discrete Geometry
- 15:30 Margarita Spirova (Chemnitz)
Translative Coverings of Convex Bodies
- 16:00h – 16:30h Pause**
- 16:30 Christian Haase (Frankfurt)
Computing Toric Ideals of Integrally Closed Polytopes
- 17:30 Eva Linke (Magdeburg)
Rational Ehrhart Quasi-Polynomials
- 18:00 Christian Wagner (Zürich)
Maximal Lattice-Free Polyhedra in Mixed-Integer Cutting Plane Theory