

Discrete, Computational and Algebraic Topology

November 10–14, 2014, U Copenhagen, Denmark

Posters

1. Ulrich Bauer TU München, Germany *The Morse theory of Čech and Delaunay complexes*
2. Francisco Belchí U Málaga, Spain *Extracting more information from Persistence*
3. Gilles Bertrand ESIEE Paris, France *Dendrites, dyads, and homotopic pairs*
4. Felix Boes U Bonn, Germany *Homology of Moduli Spaces of Riemann Surfaces*
5. Moshe Cohen Technion, Israel *Discrete Morse functions from knots*
6. Daniela Egas Santander MPIM Bonn, Germany *On the homology of Sullivan diagrams*
7. Marc Ethier Jagiellonian U, Poland *Advances regarding the persistence of maps*
8. Marek Filakovský Masaryk U, Czech Republic *Are two given maps homotopic? An algorithmic viewpoint*
9. Florian Frick TU Berlin, Germany *Triangulations with valence bounds*
10. Dejan Govc IMFJ/Jožef Stefan Institute, Slovenia *The unimodal p -category is not monotonic in p*
11. Anna Gundert U Cologne, Germany *Higher Dimensional Discrete Cheeger Inequalities*
12. Albert Haase FU Berlin, Germany *Topology of the Grünbaum hyperplane mass partition problem (On results of Ramos)*
13. Rachel Jeitziner EPFL, Switzerland *Topological Data Analysis applied to breast cancer research*
14. Shizuo Kaji Yamaguchi U, Japan *Shape deformation in computer graphics*
15. Marek Krčál IST Austria, Austria *On computability and triviality of well groups*
16. Vitaliy Kurlin Durham U, UK *Applications of Topological Data Analysis to Computer Vision*
17. Takashi Owada Technion, Israel *Limit theorems on point processes under geometric constraints*
18. Florian Pausinger IST Austria, Austria *Approximation and Convergence of Intrinsic Volumes*
19. Yuval Peled Hebrew U, Israel *Extremal problems on shadows and hypercuts in simplicial complexes*
20. Giovanni Petri ISI Foundation, Italy *Homological Scaffolds of Brain Functional Networks*
21. Paweł Pilarczyk IST Austria, Austria *Chain contraction approach to (co)homology computation*
22. Cordian Riener Aalto U, Finland *Bounds on equivariant Betti numbers for symmetric semi-algebraic sets*
23. Antonio Rieser Technion, Israel *Diffusion-based methods in clustering and manifold learning*
24. Demet Taylan U Bremen, Germany *On the homotopy type of devoid complexes of graphs*
25. Mimi Tsuruga TU Berlin, Germany *Constructing complicated spheres*
26. Eleni Tzanaki U Crete, Greece *Upper bounds on the number of faces of Minkowski sums of polytopes*
27. Francesco Vaccarino Politecnico di Torino, Italy *Poset persistence as sublevel filtration of weighted objects*
28. Matthew Wright IMA, U Minnesota, USA *Intrinsic Volumes of Random Cubical Complexes*