

2nd Conference on Combinatorial Structures in Geometry

Schedule

	Monday, September 2	Tuesday, September 3	Wednesday, September 4	Thursday, September 5
09:30 – 10:00	Lorenzo Venturello Balanced non-partitionable Cohen-Macaulay complex	Michael Joachim Twisted spin cobordism and D -brane homology	Aicke Hinrichs How good is random information?	Alexandru Constantinescu Bounding the Castelnuovo-Mumford regularity
10:00 – 10:30	Ulrich von der Ohe Learning algebraic decompositions using Prony structures			
	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:00 – 11:30	Manh Toan Nguyen Twisted equivariant K -theory	Hadrian Heine An infinity-categorical version of real algebraic K -theory I	Dominik Nagel Prony's method and the condition number of Vandermonde matrices	Alexandros Grosdos Koutsoumpelias The 0-1-2 of local Dirac mixture moments
11:30 – 12:00	Markus Wageringel Reconstruction of generalized exponential sums	Paula Verdugo An infinity-categorical version of real algebraic K -theory II	Robert Kunsch Optimal confidence for Monte Carlo integration of smooth function	Konrad Voelkel A p -adic variant of oriented blow-ups and Kato-Nakayama spaces
	Lunch Break	Lunch Break	Lunch Break	Lunch Break
14:00 – 14:30	Tobias Müller Percolation and random graphs in the hyperbolic plane	Grace Itunuoluwa Akinwande Mixed Regimes in Random Simplicial Complexes	Arun Kumar Motivic BO spectrum and Hermitian K -theory	
14:30 – 15:00		Jan-Marten Brunink Chromatic subdivisions of simplicial complexes	Jonathan Steinbuch Sheaf Stability and Computations	
	Coffee Break	Coffee Break	Coffee Break	
15:30– 16:00	Binh Hong Ngoc Expected mean width of randomized integer convex hull	Alberto Fernandez Boix Free pairs of a simplicial complex and an application	Soccer & Barbecue	
16:00 – 16:30	Ilia Pirashvili The fundamental groupoid of binoid varieties	Hongyi Chu Segal presheaves and polynomial monads		
19:00	Dinner at Rampendahl			