

INdAM Workshop Analytic aspects of convexity

Monday 10

Tuesday 11

Wednesday 12

Thursday 13

Friday 14

9.00-9.30	Registration				
9.30-10.00	9:50 Welcome	C. Haberl , <i>Centro-affine tensor valuations</i>	K. Boroczky , <i>On some versions of the Minkowski problem</i>	E. Milman , <i>The KLS-isoperimetric conjecture - old and new</i>	F. Barthe , <i>Gaussian kernels also have Gaussian minimizers</i>
10.00-10.30	A. Figalli , <i>Quantitative stability: isoperimetric vs Brunn-Minkowski inequalities</i>	A. Stancu , <i>A notion of discrete centro-affine curvature</i>	G. Livshyts , <i>On an extension of Minkowski's theorem for measures</i>	B. Vritsiou , <i>On the thin-shell conjecture for the Shatten classes</i>	A. Bernig , <i>A Hadwiger-type theorem for non-definite orthogonal groups</i>
10.30-11.00					
11.00-11.30	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
11.30-12.00	M. Hernandez-Cifre , <i>Bounding the integral of powered i-th mean curvatures</i>	R. Schneider , <i>$SO(n)$-covariant tensor valuations</i>	E. Werner , <i>On the geometry of projective tensor products</i>	A. Koldobsky , <i>Volume difference inequalities</i>	W. Weil , <i>Flag-measures and Grassmann variants</i>
12.00-12.30	A. Litvak , <i>On an old conjecture in convex geometry</i>	D. Hug , <i>Integral-geometric formulas for local tensor valued valuations</i>	M. Reitzner , <i>Affine invariant valuations on polytopes</i>	S. Dann , <i>On the average volume of sections of convex bodies</i>	A. Volčič , <i>A three-dimensional convex tomography problem</i>
12.30-13.00	J. Yepes-Nicolás , <i>On the Brunn-Minkowski inequality for the product of convex measures in R^n</i>	L. Silverstein , <i>Valuations on lattice polytopes</i>	F. Dorrek , <i>Minkowski endomorphism</i>	V. Yaskin , <i>Distribution functions of sections and projections of convex bodies</i>	P. Gruber , <i>On the front-line between convex geometry and Diophantine approximation, some remarks</i>
13.00-14.30	Lunch	Lunch	Lunch	Lunch	Lunch
14.30-15.00	F. Mussnig , <i>Valuations on convex functions</i>	F. Schuster , <i>Basic properties and examples of j-projection bodies</i>		D. Ryabogin , <i>On convex bodies in R^5 with $SU(2)$-congruent 4-dimensional projections</i>	
15.00-15.30	M. Ludwig , <i>Minkowski valuations on function spaces</i>	G. Averkov , <i>Sizes of extended formulations for families of polytopes</i>		H. Pollhen , <i>Dual curvature measures</i>	
15.30-16.00	Coffee Break	F. Besau , <i>Weighted convex bodies and polytopal approximation</i>		M. Saienko , <i>Harmonic curvature measures in Euclidean spaces</i>	
16.00-16.30	R. Gardner , <i>Symmetrizations</i>	Coffee break		Coffee break	
16.30-17.00	E. Saorín-Gómez , <i>Characterizing properties of the Rogers-Shephard inequality</i>				

Rome 10-14 October 2016