

Monday

Tuesday

Wednesday

Thursday

Friday

9:00 am		<b>Clément Maria</b> Multi-Field Persistent Homology		<b>Raphaëlle Chaine</b> Practical Reduction of Edge Flip Sequences in Two-Dimensional Triangulations	<b>Stephane Gaubert</b> Tropical convexity and its applications to zero-sum games
9:30 am	<b>David Cohen-Steiner</b> Improved bounds on higher eigenvalues of graphs	<b>Arnaud de Mesmay</b> Discrete systolic geometry and decompositions of triangulated surfaces	<b>Gabriel Peyré</b> Theoretical guarantees for variational regularization	<b>Julie Digne</b> Self-similarity for accurate compression of point sampled surface	
10:00 am	<b>Regis Straubhaar</b> Numerical optimization of Dirichlet-Laplace eigenvalues	<b>Anatolii Kostygin</b> Periodic planar straight-frame graph drawings with polynomial resolution			<b>Viorica Patraucean</b> Mirror-symmetry in images and 3D shapes
10:30 am					<b>Boris Thibert</b> Minkowski-type problems and optimal transport
11:00 am	<b>Christian Sohler</b> Coreset and sampling approaches for the analysis of very large data sets	<b>Christian Sohler</b> Coreset and sampling approaches for the analysis of very large data sets	<b>Michael Farber</b> Geometry and Topology of Random Spaces	<b>Michael Farber</b> Geometry and Topology of Random Spaces	<b>Rémi Thomasse</b> A convex body with chaotic random convex hull
11:30 am					<b>Quentin Mérigot</b> On the reconstruction of convex sets from random normal measurements
12:00 am					
12:30 am	<b>Lunch</b> Lunch	<b>Lunch</b> Lunch	<b>Lunch</b> Lunch	<b>Lunch</b> Lunch	<b>Lunch</b> Lunch
1:00 pm					
4:00 pm					
4:30 pm	<b>Gabriel Peyré</b> Sparse regularization of inverse problems	<b>Gabriel Peyré</b> First order optimization with proximal splitting		<b>Stephane Gaubert</b> Tropical convexity and its applications to zero-sum games	
5:00 pm			<b>Stephane Gaubert</b> Tropical convexity and its applications to zero-sum games		
5:30 pm					
6:00 pm	<b>Clément Maria</b> The Compressed Annotation Matrix: an Efficient Data Structure for Persistent Cohomology	<b>Thomas Bonis</b> Topological pooling for the bag of words model		<b>Benjamin Burton</b> Exploring parameterised complexity in computational topology	
6:30 pm	<b>Louis Cuel</b> Normals, curvature and sharp feature estimation using order-k Voronoi covariance	<b>Manish Mandad</b> TBA	<b>Ross Hemsley</b> Analysis for a walking algorithm on the Poisson Delaunay Triangulation		
7:00 pm	<b>Mickaël Buchet</b> Analyse de champs scalaires avec bruit aberrant	<b>Bertrand Michel</b> Convergence rates for persistence diagrams in topological data analysis	<b>Mael Rouxel-Labbé</b> Anisotropic mesh generation		
7:30 pm	<b>Dinner</b> Dinner	<b>Dinner</b> Dinner	<b>Dinner</b> Dinner	<b>Special dinner</b> Bouillabaise	
8:00 pm					
8:30 pm			<b>Business meeting</b>		
9:00 pm					