	Mon	Tue	Wed	Thu	Fri
7:30 - 8:45	Breakfast				
9:00 - 10:30	***Welcome***	**Marco Cuturi** *Review of regularized Optimal transport*	**Alex Bronstein & Matthias Vestner** *Statistical Non-Rigid Shape Correspondence*	**Konstantin Mischaikow** *Reduction and reconstruction of complex spatio-temporal data*	**Zorah Lähner** *Efficient Globally Optimal 2D-to-3D Deformable Shape Matching*
	Hao Zhang *Qualitative and Multi-Attribute Learning from Diverse Data Collections*				
	Mauro Maggioni *Multiscale Methods for Dictionary Learning and Regression for data near low-dimensional sets*	**Justin Solomon** *Regularized Optimal Transport on Graphs. Rank-1 Hessian Updates for Quadratic Regularization*	**Ariel Shamir** *Towards a Geometric Functionality Descriptor*	**Franck Hétroy-Wheeler** *Computing temporal alignments of human motion sequences in wide clothing*	**Or Litany** *Fully Spectral Partial Shape Matching*
Session Chair	Maks Ovsjanikov	Emanuele Rodola	Vladimir Kim	Alex Bronstein	Klaus Hildebrandt
10:30 - 11:15	Coffee Break				
11:15 - 12:00	**Ron Kimmel** *On invariants and learning*	**Antonin Chambolle** *Convex representation for curvature dependent functional*	**Helmut Pottmann** *On equilibrium shapes, Michell structures and "smoothness" of polyhedral surfaces*	**Martin Rumpf** *On Functional Maps between Discrete Tangent Bundles based on the Discrete Kirchhoff Triangle*	**Benedikt Wirth** *Data fitting tools in Riemannian spaces*
					Closing
Session Chair	Antonin Chambolle	Dror Aiger	Martin Rumpf	Helmut Pottmann	Fred Chazal
12:00 - 14:00	Lunch				
14:00 - 15:30	**Michael Bronstein** *Geometric deep learning*	**Jie Gao** *Ollivier Ricci curvature on network data and applications*	Free Time	***Dror Aiger*** *Output sensitive algorithms for approximate incidences and their applications*	End of Seminar
	Frank R. Schmidt *A Selection of Categorical Viewpoints on Shape Matching*	**Boris Thibert** *Optimal transport between a point cloud and a simplex soup*		**Klaus Hildebrandt** *Model reduction for shape interpolation*	
Session Chair	Justin Solomon	Marco Cuturi		Wilmot Li	
15:30 - 16:00	Coffee Break				
16:00 - 17:30	**Vladimir Kim** *Finding Structure in Large Collections of 3D Models*	**Talmon Ronen** *Common Manifold Learning with Alternating Diffusion*		**Alex Bronstein** *L1 norm minimization on manifolds*	
	Wilmot Li *Physical Graphic Design*	**Emanuele Rodolà** *Computing and Processing Functional Maps*		**Benjamin Berkels** *Joint denoising and distortion correction of atomic scale scanning transmission electron microscopy images*	
Session Chair	Hao Zhang	Ron Kimmel		Ronen Talmon	
18:00	Dinner				