

Monday	12.00	Lunch	
	13.00	Welcome	
	13.05	Sergei Gukov	Searching for unicorns: AI for long-standing math challenges
	14.50	Break	
	15.15	François Lauze & Jon Spurring	Statistical Aspects of Topological Data Analysis
	16.00	Poster session	
	18.00	Dinner	
Tuesday	09.15	Anibal Medina Mardones	New tools in applied topology for signal processing and data analysis
	10.45	Break	
	11.15	Stefan Sommer	The diffusion mean of geometric data
	12.00	Lunch	
	14.00	Pia Nyeng	Biological network formation and cell fate allocation in the developing pancreas
	14.45	Break	
	15.00	Yossi Bokor Bleile	Persistence diagrams as morphological signatures of human mesenchymal stem cells
	15.20	Lander Ver Hoef	Persistent Homology to Support Image Analysis Tasks in Environmental Science
	15.40	Markus Kirolos Youssef	Circular structures in high dimensional gene expression data
	16.00	Henry Kirveslahti	Representing fields without correspondences: the lifted euler characteristic transform
	16.30	Break	
	17.00	Bjørnar Gullikstad Hem	An analogue of manifold calculus for multi-persistence modules
	17.20	Uğur Bektaş Cantürk	Persistent Homology Through Moment-Angle Complexes
	17.40	Celia Hacker	Capturing Graphs with Hypoelliptic Diffusion
18.00	Dinner		
20.00	Discussion & problem session		
Wednesday	09.15	Søren Hauberg	From data through geometry to topology, and back again
	10.30	Break	
	11.00	Aaron Mazel-Gee	A Mathematical Introduction to the Transformer Architecture
	11.20	Kelly Maggs	Simplicial Representation Learning with Neural k-Forms
	11.40	Amir Yehudayoff	Limitations on list-replicable and global stable learning algorithms using the Borosk-Ulam Theorem
	12.00	Lunch	
	13.05	Departure	