

Applied Geometry for Data Sciences Part II (02 Jun 2025–06 Jun 2025)

Name & Affiliation	Title
Angelica Aviles-Rivero Tsinghua University, China	
Frédéric Barbaresco Thales Group, France	Symplectic Foliation-Informed Neural Network (SFINN) and Lie Groups Machine Learning Based on Jean-Marie Souriau Lie Groups Thermodynamics & Koszul Information Geometry
Tolga Birdal Imperial College London, UK	
Cristian Bodnar Silurian AI, UK	
Baris Coskunuzer University of Texas Dallas, USA	Topological Compound Fingerprinting in Computer-Aided Drug Discovery
Xiaowen Dong University of Oxford, UK	Bayesian Optimisation of Graph-based Functions
Yue Gao Tsinghua University, China	
Mustafa Hajij University of San Francisco, USA	
Niu Huang National Institute of Biological Sciences, China	Integrating HPC and AI: A New Paradigm for Predicting Protein-ligand Binding
Wei Huang RIKEN, Japan	Decoding Deep Graph Neural Networks: An Optimization and Generalization Perspective
Stephen Huckemann Georg-August-Universität Göttingen, Germany	
Stephan Klaus Mathematisches Forschungsinstitut Oberwolfach, Germany	
Patrice Koehl University of California, Davis, USA	A Physicist's View on Partial 3D Shape Comparison

Name & Affiliation	Title
Ran Levi The University of Aberdeen, UK	Foundations of Differential Calculus for Modules over Small Categories
Zheng Ma Shanghai Jiao Tong University, China	
Frank Nielsen Sony Computer Science Laboratories, Japan	Computational Information Geometry on Bregman Manifolds and Submanifolds
Paolo Piccione University of Sao Paulo, Brazil	
Hans Riess Georgia Institute of Technology, USA	
Roman Sauer Karlsruhe Institute for Technology, Germany	
Lei Shi Fudan University, China	
Zhiqin Xu Shanghai Jiao Tong University, China	
Yaoyu Zhang Shanghai Jiao Tong University, China	Towards Understanding the Condensation Phenomenon of Deep Neural Networks
Difan Zou University of Hong Kong, Hong Kong SAR	

This list is accurate as of 15/Apr/2025 and is subjected to changes.