| Time&Date | Monday ( February 2 ) | Tuesday ( February 3 ) | Wednesday ( February 4 ) | Thursday ( February 5 ) | Friday ( February 6 ) |
|---|---|---|---|---|---|
| 7:30-8:30 | Breakfast (60 minutes) | | | | |
| 8:50-9:00 | Opening Remarks | | Group Photo | | |
| Chair | Jie Wu | Rongling Wu | Tuschmann Wilderich | Fengchun Lei | Quanming Yao |
| 9:00-9:30 | Rongling Wu | Tuschmann Wilderich | Haibao Duan | Fang Li | Jie Gao (Online) |
| 9:40-10:10 | Yi Feng | Henry Adams | Hongwei Lin | Changxing Ma (Online) | Qi Wu |
| 10:10-10:40 | Coffee Break (within 30 minutes) | | | | |
| Chair | Tuschmann Wilderich | Jian Liu | Haibao Duan | Fang Li | Ang Dong |
| 10:40-11:10 | Konstantin Sorokin | Yulia Gel | Yuehua Cui | Mustafa Hajij | Fengchun Lei |
| 11:20-11:50 | Ke Deng | Yifei Zhu | Wenting Zhao | Yuzhou Chen (Online) | Free Discussion |
| 12:00-13:30 | Lunch (90 minutes) | | | | |
| Chair | Yi Feng | Henry Adams | Free Discussion 14:00-17:30 | Yifei Zhu | Free Discussion 14:00-17:30 |
| 14:00-14:30 | Jian Liu | Sarah Beth Percival | | Rui Dong | |
| 14:40-15:10 | Yunpeng Zi | Mattew Burfitt | | Zhuoke Yang | |
| 15:10-15:40 | Coffee Break (within 30 minutes) | | | Coffee Break | |
| Chair | Konstantin Sorokin | Yulia Gel | | Mustafa Hajij | |
| 15:40-16:10 | Yu Tian | Yangyang Bian | | Usanov Sergei | |
| 16:20-16:50 | Levin Maier (Online) | Enhao Liu | | Ziying Zhang | |
| 17:30 - 19:00 | Dinner (90 minutes) | | Banquet 18:00-20:00 | Dinner (90 minutes) | |

## February 2, 2026 - Monday

| Time | Name | Title |
|---|---|---|
| 7:30-8:30 | Breakfast (60 minutes) | |
| 8:50-9:00 | Opening Remarks | |
| Chair | Jie Wu( 吴杰 ) | |
| 9:00-9:30 | Rongling Wu( 邬荣领 ) | Statistics at a crossroads: How it can revolutionize artificial intelligence |
| 9:40-10:10 | Yi Feng( 冯异 ) | Whole- integumentary optical transparency assisted topological analysis for three-dimensional dynamics of acupoints and meridians |
| 10:10-10:40 | Coffee Break (within 30 minutes) | |
| Chair | Tuschmann Wilderich | |
| 10:40-11:10 | Konstantin Sorokin | On the Topology of Transformations Between Data Structures |
| 11:20-11:50 | Ke Deng( 邓柯 ) | Semiparametric regression, Dirichlet process Gaussian mixture model, Hamiltonian Monte Carlo |
| 12:00-13:30 | Lunch (90 minutes) | |
| Chair | Yi Feng( 冯异 ) | |
| 14:00-14:30 | Jian Liu( 刘健 ) | Persistent representation theory |
| 14:40-15:10 | Yunpeng Zi( 自云鹏 ) | Iterated Integrals on the Digraphs |
| 15:10-15:40 | Coffee Break (within 30 minutes) | |
| Chair | Konstantin Sorokin | |
| 15:40-16:10 | Yu Tian( 田雨 ) | Matrix-weighted networks for modeling multidimensional dynamics |
| 16:20-16:50 | Levin Maier (Online) | From Geometric Hydrodynamics to Periodic Geodesics on Manifolds of Mappings |
| 17:30 - 19:00 | Dinner (90 minutes) | |

## February 3, 2026 - Tuesday

| Time | Name | Title |
|---|---|---|
| 7:30-8:30 | Breakfast (60 minutes) | |
| Chair | Rongling Wu( 邬荣领 ) | |
| 9:00-9:30 | Tuschmann Wilderich | A Spectator's View on the Manifold Hypothesis |
| 9:40-10:10 | Henry Adams | The theory of Vietoris-Rips complexes |
| 10:10-10:40 | Coffee Break (within 30 minutes) | |
| Chair | Jian Liu( 刘健 ) | |
| 10:40-11:10 | Yulia Gel | Topological Zigzag Spaghetti for Diffusion on Graphs |
| 11:20-11:50 | Yifei Zhu( 朱一飞 ) | Topological deep learning for speech recognition |
| 12:00-13:30 | Lunch (90 minutes) | |
| Chair | Henry Adams | |
| 14:00-14:30 | Sarah Beth Percival | Effective Resistance and Random Walks on Simplicial Complexes |
| 14:40-15:10 | Mattew Burfitt | Computing singular simplicial homologies of digraphs and quivers |
| 15:10-15:40 | Coffee Break (within 30 minutes) | |
| Chair | Yulia Gel | |
| 15:40-16:10 | Yangyang Bian( 边洋洋 ) | A mathematical strategy to map the genetic architecture of a single diplotype towards genome editing |
| 16:20-16:50 | Enhao Liu( 刘恩豪 ) | Interval Multiplicities and the Essential-Cover Technique |
| 17:30 - 19:00 | Dinner (90 minutes) | |

## February 4, 2026 - Wednesday

| Time | Name | Title |
|---|---|---|
| 7:30-8:30 | Breakfast (60 minutes) | |
| 8:50-9:00 | Group Photo | |
| Chair | Tuschmann Wilderich | |
| 9:00-9:30 | Haibao Duan( 段海豹 ) | The integral Weyl invariants of Lie groups |
| 9:40-10:10 | Hongwei Lin( 蔺宏伟 ) | Robust Model Reconstruction Based on the Topological Understanding of Point Clouds Using Persistent Homology |
| 10:10-10:40 | Coffee Break (within 30 minutes) | |
| Chair | Haibao Duan( 段海豹 ) | |
| 10:40-11:10 | Yuehua Cui( 崔跃华 ) | Making sense of spatial transcriptomics: from statistical foundations to biological insights |
| 11:20-11:50 | Wenting Zhao( 赵雯婷 ) | Deep Generative Modeling of Facial Morphology from Genetic Variants |
| 12:00-13:30 | Lunch (90 minutes) | |
| 14:00-14:30 | Free Discussion<br>14:00-17:30 | |
| 14:40-15:10 | | |
| 15:10-15:40 | | |
| 15:40-16:10 | | |
| 16:20-16:50 | | |
| 17:30 - 19:00 | Banquet 18:00-20:00 | |

## February 5, 2026 - Thursday

| Time | Name | Title |
|---|---|---|
| 7:30-8:30 | Breakfast (60 minutes) | |
| Chair | Fengchun Lei( 雷逢春 ) | |
| 9:00-9:30 | Fang Li( 李方 ) | Presentations of mapping class groups and applications to cluster algebras from surfaces |
| 9:40-10:10 | Changxing Ma( 马长兴 ) (Online) | Comparative Analysis of Exact Methods for Testing Equivalence of Prevalences in Bilateral and Unilateral Combined Data with and without Assumptions of Correlation |
| 10:10-10:40 | Coffee Break (within 30 minutes) | |
| Chair | Fang Li( 李方 ) | |
| 10:40-11:10 | Mustafa Hajij | Beyond Graphs: Topological Deep Learning for Higher-Order Relational Systems |
| 11:20-11:50 | Yuzhou Chen( 陈宇舟 ) (Online) | LLM-Based Multi-Agent System and Simplicial Self-Supervised Learning Model for Regional Cancer Prevalence Estimation Using Satellite Imagery |
| 12:00-13:30 | Lunch (90 minutes) | |
| Chair | Yifei Zhu( 朱一飞 ) | |
| 14:00-14:30 | Rui Dong( 董瑞 ) | Some optimizations in computing persistent Laplacian and beyond |
| 14:40-15:10 | Zhuoke Yang( 杨卓科 ) | Universal Lie algebra weight systems and graph invariants |
| 15:10-15:40 | Coffee Break (within 30 minutes) | |
| Chair | Mustafa Hajij | |
| 15:40-16:10 | Usanov Sergei | Data-Driven Approach to the Coefficients of the sl2 Weight System |
| 16:20-16:50 | Ziying Zhang( 张子颖 ) | LLM-Empowered Representation Learning for Emerging Item Recommendation |
| 17:30 - 19:00 | Dinner (90 minutes) | |

## February 6, 2026 - Friday

| Time | Name | Title |
|---|---|---|
| 7:30-8:30 | Breakfast (60 minutes) | |
| Chair | Quanming Yao( 姚权铭 ) | |
| 9:00-9:30 | Jie Gao (Online) | Topologically Interpretable Graph Learning via Persistent Rationale Filtration |
| 9:40-10:10 | Qi Wu( 吴琦 ) | Primitive Path Homology: An Algebraic Topology Approach for the Quantitative Characterization of Graph Pangenomes toward Population Genetic Analysis, Demonstrated in Saccharomyces cerevisiae |
| 10:10-10:40 | Coffee Break (within 30 minutes) | |
| Chair | Ang Dong | |
| 10:40-11:10 | Fengchun Lei( 雷逢春 ) | An introduction to knot data analysis |
| 11:20-11:50 | Free Discussion | |
| 12:00-13:30 | Lunch (90 minutes) | |
| 14:00-14:30 | Free Discussion<br>14:00-17:30 | |
| 14:40-15:10 | | |
| 15:10-15:40 | | |
| 15:40-16:10 | | |
| 16:20-16:50 | | |
| 17:30 - 19:00 | Dinner (90 minutes) | |