

## 《高维数据分析中的数值代数研讨会》

## 日程安排

12月26日（星期四）	
10:00 - 18:00	签到 - 厦门金沙湾宾馆
18:00 - 20:00	晚餐 - 厦门金沙湾宾馆
12月27日（星期五）实验楼 105	
8:10	酒店大堂集合一起去乘车去会场
08:40 - 09:00	开幕式 合影：实验楼门前
09:00 - 11:40	大会报告-主持人：Jianfeng Cai
09:00 - 9:40	<b>Shuyang Ling:</b> Group synchronization on complex networks: Kuramoto model meets nonconvex optimization
09:40 - 10:00	茶歇
10:00 - 10:40	<b>Gongguo Tang:</b> The Optimization Landscape of Empirical and Population Risks
10:40 - 11:00	自由讨论
11:00 - 11:40	<b>Yuling Jiao:</b> Deep Generative Learning with Theoretical Guarantee
12:00 - 14:00	午餐
14:00 - 16:40	大会报告-主持人：Jianfeng Cai
14:00 - 14:40	<b>Xiaodong Li:</b> Spectral methods in networks: hierarchical structures and risk estimation
14:40 - 15:00	自由讨论
15:00 - 15:40	<b>Junhong Lin:</b> Compressed Data Separation
15:40 - 16:00	茶歇
16:00 - 16:40	<b>Bin Dong:</b> Mathematical and deep learning methods for

	inverse problems in imaging
16:40 - 18:00	自由讨论
18:00 - 20:30	晚餐
<b>12月28日(星期六)实验楼105</b>	
09:00 - 11:40	大会报告-主持人: <b>Ke Wei</b>
09:00 - 9:40	<b>Haixia Liu:</b> Phase retrieval for sub-Gaussian measurements
09:40 - 10:00	茶歇
10:00 - 10:40	<b>Yue M. Lu:</b> Tackling High-Dimensional Nonconvex Optimization via Random Matrix Theory
10:40 - 11:00	自由讨论
11:00 - 11:40	<b>Qing Qu:</b> Sparse Blind Deconvolution: Geometry, Methods, and Applications
12:00 - 14:00	午餐
<b>大会报告-主持人: Kui Du</b>	
14:00 - 14:40	<b>Ju Sun:</b> Toward practical phase retrieval
14:40 - 15:00	自由讨论
15:00 - 15:40	<b>Wen Huang:</b> Riemannian Proximal Gradient Methods
15:40 - 16:00	茶歇
16:00 - 16:40	<b>Ke Wang:</b> Random perturbation of low-rank matrices
16:40 - 18:00	自由讨论
18:00 - 20:30	晚餐
<b>12月29日(星期日)实验楼105</b>	
09:00 - 11:40	大会报告-主持人: <b>Bin Dong</b>
09:00 - 9:40	<b>Ke Wei:</b> Data Reconstruction: Exploiting the Low Rank Structure in the Transform Domain
09:40 - 10:00	茶歇
10:00 - 10:40	<b>Jiixin Xie:</b> Subset selection via interlacing families
10:40 - 11:00	自由讨论

11:00 - 11:40	<b>Weiyu Xu:</b> Adversarial Attacks on Machine Learning Systems: Information-Theoretic Limits and Explanations
12:00 - 14:00	午餐
14:00 - 16:40	大会报告-主持人: <b>Zhengjian Bai</b>
14:00 - 14:40	<b>Zhiqiang Xu:</b> The recovery of sparse signals from phaseless measurements
14:40 - 15:00	自由讨论
15:00 - 15:40	<b>Zai Yang:</b> Infinite-Dimensional Compressed Sensing and Spectral Analysis of Signals
15:40 - 16:00	茶歇
16:00 - 16:40	自由讨论
16:40 - 18:00	
18:00 - 20:30	晚餐