

**2022.8.25**

Time: 08:30- 08:40

Opening Remarks and Group Photo

Chair: Linbo Zhang

Time: 08:40-11:40

Session Chair: Luonan Chen

No.	Time	Speaker	Title
1	08:40-09:40	Shi Jin Shanghai Jiao Tong University, China	Consensus-based High Dimensional Global Non-convex Optimization in Machine Learning
2	09:40-10:40	Zhijun Wu Iowa State University, USA	Distance Geometry, Global Optimization, and Protein Modeling
3	10:40-11:40	Xiaoping Wang, The Hong Kong University of Science and Technology The Chinese University of Hong Kong, Shenzhen, China	Recent Progress on Topology Optimization
11:40-14:00		Break	

Time: 14:00-17:00

Session Chair: Pingbing Ming

No.	Time	Speaker	Title
1	14:00-15:00	Dongbo Bu The Institute of Computing Technology, CAS	AIA: 用 AI 辅助算法的优化设计
2	15:00-16:00	Xiaoying Dai Academy of Mathematics and Systems Science, CAS	Some Progress on Optimization Methods for Electronic Structure Calculations
3	16:00-17:00	Luonan Chen Shanghai Institutes for Biological Sciences, CAS	Chaotic Optimization for Combinatorial Problems and Chaotic Backpropagation for Deep Learning
17:00-		Break	

2022.8.26

Time: 08:30-11:30

Session Chair: Yu-Hong Dai

No.	Time	Speaker	Title
1	08:30-09:30	Sven Leyffer Argonne National Laboratory, USA	Topological Design Problems and Integer Optimization
2	09:30-10:30	Nikolaos Sahinidis Georgia Institute of Technology, USA	Global Black-box Optimization
3	10:30-11:30	Defeng Sun The Hong Kong Polytechnic University	Exploring the Sparsity of Large-scale Statistical Optimization Problems
11:30-		Break	