HKSIAM2025 Minisymposia on
Understanding the Learning of Deep Networks: Expressivity, Optimization, and Generalization

Cheng Yu Tung Building, CUHK, Hong Kong
July 9 ~ 11, 2025

This minisymposium will examine the capacity of networks to model complex functions, the implications of their non-convex optimization landscapes, and their ability to generalize and make accurate predictions about unseen data.

Schedule

DAY 1, July 9
- **11:05** Opening
- **11:10** Jian Li (Plenary Talk)
- **11:40** Xiaotong Yuan (Talk)
- **12:10** Jiaye Teng (Talk)
- **12:40** Fanghui Liu (Talk)

DAY 2, July 10
- **11:10** Juncai He (Talk)
- **11:40** Wei Huang (Talk)
- **12:10** Enming Liang (Talk)
- **16:30** Atsushi Nitanda (Talk)
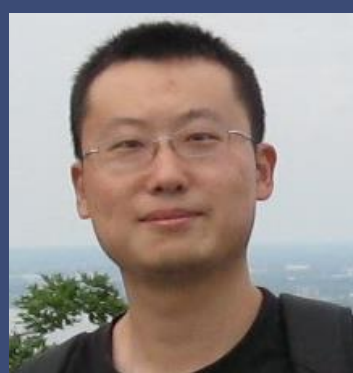- **17:00** Shaoqun Zhang (Talk)
- **17:30** Shijun Zhang (Talk)

DAY 3, July 11
- **14:00** Lei Shi (Talk)
- **14:30** Jinming Wen (Talk)
- **15:00** Zeyu Li (Talk)
- **15:30** Chenghao Liu (Talk)

Speakers

Jian Li Tsinghua
Xiaotong Yuan Nanjing
Jiaye Teng SUFE
Fanghui Liu Warwick
Juncai He Tsinghua
Wei Huang RIKEN
Enming Liang CityU

Atsushi Nitanda A*STAR
Shao-Qun Zhang Nanjing
Shijun Zhang PolyU
Lei Shi Fudan
Jinming Wen Jilin
Zeyu Li CUHK
Chenghao Liu CityU
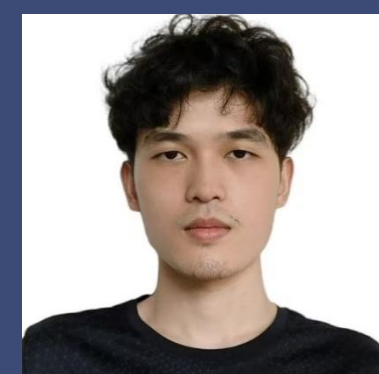
Organizers
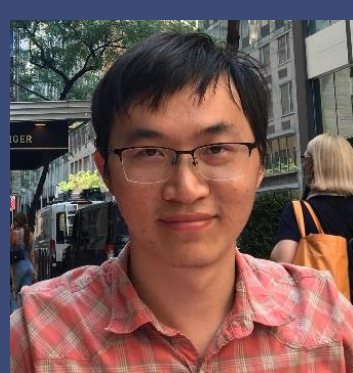
Fenglei Fan CityU
Wei Huang RIKEN
Shao-Qun Zhang Nanjing
Shijun Zhang PolyU