# 1152022

**International Workshop On Mathematical Issues In Information Sciences** 数据科学国际研讨会

17th-18th, Dec. 2022

(founded in 2015)

# Tsinghua-Berkeley Shenzhen Institute

### Vision:

A world-class *transformative* research and education partnership to fuel economic growth with accelerated innovation through trans-disciplinary and translational research.

### Mission:

An ecosystem for transformational technology research to address global challenges, new transdisciplinary research programs, entrepreneurs and global leaders in science and technology.





# Our Faculty 23 full time faculty

#### **3** Professors



**Xiao-Ping Zhang** Signal, Data and Information Processing and Communications

Hongyan

Faisal Nadeer

**Victor Chan** Big-data analytics and event simulation, agent-based simulation, and their applications



Ercan E. Kuruoglu System and Noise Modelling





Yuxing

Qiuwei





HUANG Shao-Lun

#### **12** Assistant Professors





**HUANG** 

Ruqi

**TANG** 



Yang





**GENG** Xiaoli Zihan





# **Our Disciplines**

- **Electronic Science and Technology**
- **Information & Communication Engineering**
- iii. Computer Science and **Technology**
- iv. Control Science and **Engineering**
- **Instrument Science and Technology**
- vi. Applied Economics
- vii. Electrical Engineering
- viii.Civil Engineering
- ix. Management Science and **Engineering**

### Interdisciplinary Education

- Major + Cross Courses
- Redesigned Admission Process with Application & Interview

#### Ph.D. Program

- 1 year of Residency in Berkeley
- Prelim & Qualifying Exams
- Financial Support
- Tsinghua's Ph.D. + a proof of visit at UCB



CHEN









## International Experience

- **English Instruction** •
- **International Students** •
- China and US Experience •



9 months in UCB •

Tsinghua M.S. and Berkeley M.Eng. •





香港中文大學(深圳) The Chinese University of Hong Kong, Shenzhen



清华-伯克利深圳学院 Tsinghua-Berkeley Shenzhen Institute



雷达信号处理国家级季点实验室 National Key Laboratory of Radar Signal Processing



综合业务网理论及关键技术国家重点实验室 State Key Laboratory of Integrated Services Networks





