

The 10th Young Scholar Symposium of the East Asia Section of IPIA

NCTS
National Center for Theoretical Sciences

Date: **2026/04/24-25**

Venue: **R515, Cosmology Bldg., NTU**

Aim & Scope

The proposed workshop, hosted by the National Center for Theoretical Sciences (NCTS), aims to foster academic exchange and collaboration among young researchers working in inverse problems and related areas of applied mathematics. This two-day symposium will feature invited talks delivered by early-career scholars from East Asia and neighboring regions, all of whom have already confirmed their participation.

The workshop will provide a focused platform for the presentation and discussion of new theoretical, numerical, and applied developments in inverse problems, including (but not limited to) inverse PDE problems, imaging and sensing, regularization and optimization methods, and data-driven and machine-learning approaches.

By bringing together promising young scholars and an internationally recognized plenary speaker at NCTS, the workshop will strengthen regional research networks, promote international collaboration, and support the professional growth of the next generation of scientists in inverse problems. The requested financial support will help ensure broad participation and a high-quality environment conducive to meaningful scientific exchange.

Plenary Speakers

Hongyu Liu (City University of Hong Kong)

Mikko Salo (University of Jyväskylä)

International Invited Speakers

Yuxin Fan (The Chinese University of Hong Kong)
Jiho Hong (The Chinese University of Hong Kong)
Zhiqiang Miao (City University of Hong Kong)
Xin Tong (National University of Singapore)
Fengru Wang (The Chinese University of Hong Kong)
Jiang Yan (City University of Hong Kong)
Shota Fukushima (Gunma University)
Takashi Furuya (Doshisha University)
Yong-Gwan Ji (Korea Institute for Advanced Study)
Sangwoo Kang (Pusan National University)
Junseung Ryu (Korea Advanced Institute of Science & Technology)
Julius Fergy Rabago (Kanazawa University)
Rommel Real (University of the Philippines Mindanao)

Local Invited Speakers

Pu-Zhao Kow (National Chengchi University)
Rulin Kuan (National Cheng Kung University)
Jephian C.-H. Lin (National Yang Ming Chiao Tung University)
Chun-Hsiang Tsou (National Central University)

Local Organizers

Yi-Hsuan Lin (National Yang Ming Chiao Tung University)
Jenn-Nan Wang (National Taiwan University)

Organizing Committee

Youjun Deng (Central South University)
Bangti Jin (The Chinese University of Hong Kong)
Mikyong Lim (Korea Advanced Institute of Science and Technology)
Yi-Kan Liu (Kyoto University)
Xiaodong Liu (Chinese Academy of Sciences)
Yi-Husan Lin (National Yang Ming Chiao Tung University)
Sanghyeon Yu (Korea University)
Hai Zhang (Hong Kong University of Science and Technology)

Contact: Peggy Lee (peggylee@ncts.tw)

