

International Workshop on Quantum Tomography (IWQT)

量子层析国际研讨会

30 July – 03 August 2018
Department of Physics, Fudan University, Shanghai, China

Following the successful series of workshops on quantum tomography held in CQT, Singapore (2011) and Fields Institute, Toronto (2013), we are pleased to announce another one at Fudan University in Shanghai this summer.

Over the past few years, quantum tomography has become an indispensable component of quantum information science. New results and new challenges are popping up from time to time. So it is now a good time to gather experts and students together to discuss new results, new ideas, as well as major challenges in quantum tomography. This workshop may hopefully serve as a good platform to achieve this goal. The main interests of the workshop include (but not limited to)

- Characterization of fault-tolerant devices
- Quantum tomography of many body states
- Efficient verification of multipartite states
- Precision measurements
- Experimental tomography
- Other related topics

Invited Speakers:

Animesh Datta (University of Warwick, UK)
Jiangfeng Du (University of Science and Technology of China)
Jens Eisert (Free University of Berlin, Germany)
Berge Englert (National University of Singapore, Singapore)
Chris Ferrie (University of Technology Sydney, Australia)
Otfried Gühne* (University of Siegen, Germany)
Masahito Hayashi* (Nagoya University, Japan)
Zhibo Hou (University of Science and Technology of China)
Zdenek Hradil (Palacky University Olomouc, Czech Republic)
Xiaojun Jia (Shanxi University, China)
Matthias Kleimann (University of Siegen, Germany)
Richard Kueng (California Institute of Technology, US)
Xin-Qi Li (Beijing Normal University, China)
Gui-Lu Long (Tsinghua University, China)
Chao-Yang Lu (University of Science and Technology of China)
Dawei Lu (Southern University of Science and Technology)
Shunlong Luo (Academy of Mathematics and System Sciences, CAS)
Hui Khooon Ng (Yale-NUS College, Singapore)
Luis Sanchez-Soto (Complutense University of Madrid, Spain)
Harald Weinfurter (University of Munich, Germany)
Guo-Yong Xiang (University of Science and Technology of China)
Peng Xue (Beijing Computational Science Research Center)
Nengkun Yu (University of Technology Sydney, Australia)
Bei Zeng (University of Guelph, Canada)

* To be confirmed

Organizers:

Huangjun Zhu (Fudan University, China)
Jiangwei Shang (Beijing Institute of Technology, China)

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For more information, please visit: <http://iwqt.datahub.top>