CALL FOR PAPERS - AQIS'16

16th ASIAN QUANTUM INFORMATION SCIENCE CONFERENCE

(Tutorial: August 28, Main Conference: August 29-September 02)
Academia Sinica, Taipei, Taiwan

Steering Committee Chair:

Hiroshi Imai (Tokyo University)

Invited Speakers:

Andris Ambainis (University of Latvia)
Antonio D. Córcoles (IBM Research, USA)
Andrew Dzurak (UNSW)
Osamu Hirota (Tamagawa University)
Yaoyun Shi (University of Michigan)
Barbara Terhal (RWTH Aachen)
Beni Yoshida (Perimeter)

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Andrew Childs (UMD) – Chair
Sarah Croke (Glasgow)
Toby Cubitt (UCL)
Jiangfeng Du (USTC) – Co-Chair
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Artur Ekert (CQT/Oxford)
Jay Gambetta (IBM)
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Min-Hsiu Hsieh (UTS) – Co-Chair
Stacey Jeffery (Caltech)
Hyunseok Jeong (Seoul National Uni.)
Jaewan Kim (KIAS, Korea)
Yoon-Ho Kim (POSTECH, Korea)
Shelby Kimmel (Maryland)
Francois Le Gall (Tokyo)
Troy Lee (CQT)
Debbie Leung (Waterloo)
Yi-Kai Liu (NIST)
Hoi-Kwong Lo (Toronto)
David Lucas (Oxford)
Xiongfeng Ma (Tsinghua)
Rajat Mittal (IIT Kanpur)
Akimasa Miyake (UNM)
Kae Nemoto (NII)
Jian-Wei Pan (USTC)
Renato Renner (ETH Zurich)
Mark Saffman (Wisconsin)
Wonmin Son (Sogang U, Korea)
Seiichiro Tani (NTT)
John Watrous (Waterloo)
Tzu-Chieh Wei (Stony Brook)
Nathan Wiebe (Microsoft)
Mark Wilde (Louisiana State)
Andreas Winter (Barcelona)
Ronald de Wolf (CWI)
Bei Zeng (Guelph)
Shengyu Zhang (Chinese U Hong Kong)

The AQIS'16 conference will focus on quantum information science, an interdisciplinary field bridging quantum physics, computer science, mathematics, and information technology.

AQIS'16 will be the 16th conference in a series that includes EQIS'01-EQIS'05 and AQIS'06-AQIS'15. AQIS'16 will consist of invited talks, selected oral and poster presentations, tutorials, as well as other activities. Contributions are solicited in (but not limited to) the following areas:

- Quantum computation, algorithms and complexity
- Quantum information theory
- Techniques for suppressing decoherence
- Quantum cryptography
- Quantum communication experiments and theory
- Implementations of quantum information processing
- Quantum processor and computer design

Important Dates:
(All at 23:59 Anywhere on Earth (AoE), in 2016)

- Submission deadline: 8 June 2016
- Notification of acceptance: 7 July 2016
- Final manuscript deadline: 22 July 2016
- Early registration deadline: 30 July 2016

Conference Web Site:

http://aqis-conf.org/2016/

Organizing Committee:

Chii-Dong Chen (Academic Sinica, Taiwan)
Kai-Min Chung (Academic Sinica, Taiwan)
Li-Yi Hsu (CYCU, Taiwan)
Ray-Kuang Lee (NTHU, Taiwan) (Local Chair)
Yeong-Cherng Liang (NCKU, Taiwan)
Ite A. Yu (NTHU, Taiwan)

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