
Preliminary CALL FOR PAPERS - AQIS'18

18th ASIAN QUANTUM INFORMATION SCIENCE CONFERENCE

September 8-12 2018

Nagoya, Japan

Organized by NAGOYA University

The AQIS'18 conference will focus on quantum information processing, communication and cryptography, an interdisciplinary field bridging quantum physics, computer science, mathematics, and information technologies.

AQIS'18 will be a natural successor of EQIS'01-EQIS'05 and AQIS'06-AQIS'17. AQIS'18 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
- Concepts, methods and tools against decoherence
- Quantum cryptography
- Quantum communications experiments and theory
- Quantum technologies (optics-, NMR- and solid-state, etc.)
- Quantum processor and computer design
- Quantum programming languages and semantics

Important Dates:

(All at 23:59 Anywhere on Earth (AoE), in 2018)

- Submission deadline: 9 June 2018
- Notification of acceptance: 9 July 2018
- Final manuscript deadline: 24 July 2018
- Early registration deadline: 24 July 2018

Conference Web Site:

<http://aqis-conf.org/aqis18/>

Organizing Committee:

Francesco BUSCEMI (Nagoya U)
Harumichi NISHIMURA (Nagoya U)
Shigeru YAMASHITA (Ritsumeikan U)

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Invited Speakers: (To be Completed)

Nicolas GISIN (Université de Genève)
Ignacio CIRAC (Max Planck Institute)

Program Committee: (To be Completed)

Antonio ACIN (ICFO, **Chair**)
Andris AMBAINIS (U Latvia)
Harry BUHRMAN (CWI)*
Marcos CURTY (U Vigo)
Jaewan KIM (KIAS, **co-Chair**)
Sabrina MANISCALCO (U Turku)
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Akihisa TOMITA (Hokkaido U, **co-Chair**)
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