CALL FOR PAPERS

AQIS'07 will focus on quantum information science and technology. This is a new interdisciplinary field that bridges quantum physics, computer science, mathematics, as well as computing technologies. AQIS'07 is the successor of the series EQIS'01–EQIS'05 and AQIS'06. Following tradition, AQIS'07 will consist of invited talks and selected oral communications and posters.

Submissions of abstracts for contributed talks and posters are sought in research areas related to quantum information science and technology, both theory and experiments. These include, but are not limited to:

- Quantum algorithms and complexity theory
- Quantum cryptography
- Quantum information theory
- Quantum entanglement and non-locality
- Quantum error-correction and decoherence-free subspaces
- Quantum optics, NMR, and solid-state technologies
- Quantum processors and computer design schemes
- Quantum programming languages and semantics

Important Dates:
Submission Deadline . . . . . . . . . . . . . . . . . . . . . . . . . . July 1, 2007
Notification of Acceptance . . . . . . . . . . . . . . . . . . . . . . . August 1, 2007
Final Manuscript Deadline . . . . . . . . . . . . . . . . . . . . . . August 15, 2007
Early Registration Deadline . . . . . . . . . . . . . . . . . . . . . . . August 7, 2007
Registration Deadline . . . . . . . . . . . . . . . . . . . . . . . . . . . . August 25, 2007

Conference web site:
http://qc.naist.jp/aqis07/

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Mikhail Lukin (Harvard University)
Ben Reichardt (California Institute of Technology)
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