

ERATO WORKSHOP ON QUANTUM INFORMATION SCIENCE 2002

September 5-8, 2002, Tokyo, Japan

<http://www.qci.jst.go.jp/eqis02/>

General :

The workshops EQIS are to focus on quantum information science, a new interdisciplinary field bridging computer science and quantum physics. EQIS'02 will be the second workshop in a series and is to concentrate, primarily, on theoretical aspects of quantum information science.

Program of EQIS'02 consists of invited talks, short communications and posters.

Contributions for short communications and posters will be solicited in the research areas related to quantum information science, including, but not limited to: *design and analysis of quantum algorithms and circuits, quantum games, quantum computational and communication complexity, quantum computing and automata models, quantum cryptography, quantum steganography, quantum information theory, quantum entanglement, quantum fault-tolerant and decoherence-free computations, quantum continuous variables computations, quantum geometric and topological computations, non-standard models of quantum computation.*

Program Committee :

C. H. Bennett (IBM, Yorktown Heights),	R. Cleve (Univ. of Calgary)
J. Gruska (Masaryk Univ., co-chair),	H. Imai (ERATO/Univ. of Tokyo, chair)
R. Jozsa (Univ. of Bristol),	M. Kitagawa (Osaka Univ.)
M. Ozawa (Tohoku Univ.),	S. Takeuchi (Hokkaido Univ.)

Keynote Speaker :

P. W. Shor (AT & T Labs Research)

Invited Speakers :

C. H. Bennett (IBM, Yorktown Heights),	G.-C. Guo (Univ. Sci. and Tech. China)
O. Hirota (Tamagawa Univ.),	P. Horodecki (TU Gdańsk)
M. Koashi (SOKEN, Hayama),	H.-K. Lo (MagiQ Technologies)
H. Nagaoka (Univ. Electro-Comm.),	M. Sasaki (CRL, Tokyo)
B. Schumacher (Kenyon College),	A. Tomita (ERATO/NEC)
R. F. Werner (TU Braunschweig)	

Important Dates :

Submission Deadline : (communications) July 15, 2002, (posters) July 31, 2002

Notification of Acceptance/Rejection : August 1, 2002

Registration Deadline : August 31, 2002

Venue & Contact Information:

ERATO Quantum Computation and Information Project,
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Location of ERATO QCI Project

