



New Delhi

The Eleventh Workshop on
Quantum Information Processing
India International Centre
New Delhi, India
December 17–21, 2007

Call for Submissions

Program Committee

Andris Ambainis (University of Latvia & U. of Waterloo)
Dave Bacon (University of Washington)
Harry Buhrman (CWI, Amsterdam)
Richard Cleve (U. of Waterloo & Perimeter Inst., Chair)
Manny Knill (NIST, Boulder)
Robert Raussendorf (Perimeter Institute)
Ben Reichardt (California Institute of Technology)
Pranab Sen (Tata Institute of Fundamental Research)
Adam Smith (Pennsylvania State University)
Barbara Terhal (IBM Watson Research Center)
John Watrous (University of Waterloo)

Local Organizers

Naveen Garg (IIT Delhi)
Amit Kumar (IIT Delhi)
Sanjiva Prasad (IIT Delhi)
Jaikumar Radhakrishnan (TIFR Mumbai, Chair)
SM Roy (JNU, New Delhi)
Sandeep Sen (IIT Delhi)

Steering Committee

Keiji Matsumoto (NII, Tokyo)
Christopher Moore (U. of New Mexico & Santa Fe Inst.)
Michael Nielsen (Perimeter Institute)
John Preskill (California Institute of Technology)
Jaikumar Radhakrishnan (TIFR Mumbai)
Peter Shor (Massachusetts Institute of Technology)
Umesh Vazirani (UC Berkeley)
Andreas Winter (University of Bristol)
Ronald de Wolf (CWI, Amsterdam)

QIP 2008, to be held at the India International Centre, New Delhi, India, is being organized by the Indian Association of Research in Computing Science with support from the Indian Institute of Technology, New Delhi, and the Tata Institute of Fundamental Research, Mumbai.

Quantum information processing is the recasting of computer science in a quantum mechanical framework. It improves on classical computers and classical complexity bounds by making use of quantum mechanical phenomena. **QIP 2008** is the eleventh workshop on theoretical aspects of quantum computing, quantum cryptography, and quantum information theory in a series which started in Århus in 1998 and was held last year in Brisbane. **QIP 2008**, like its previous editions, will feature **invited talks**, **contributed talks** and a **poster session**.

Submissions of abstracts for contributed talks are sought in research areas related to quantum information science and quantum information processing. All submissions will be judged primarily by the content of their first **two pages**. Therefore, these two pages should clearly describe the ideas, results, techniques, and make a comparison with previous related work. Beyond the first two pages, more details can be provided; however, any material beyond the first two pages may be ignored at the discretion of the Program Committee. Submissions that deviate from this format risk rejection without consideration of their merits. Submissions must be received by **23:59 EDT, September 20, 2007**.

Poster submissions are due on November 15, 2007, and instructions for submitting them will be available at the conference web site.

Important Dates

Submission deadline for contributed talks . . . **September 20, 2007**
Notification of acceptance **October 20, 2007**
Submission deadline for posters **November 15, 2007**
Early registration deadline **November 15, 2007**

Conference Web Site (linked to electronic submission server)

<http://www.tifr.res.in/~qip08/>

Contact Information

Email: qip08@tifr.res.in