

International Workshop on Optical Quantum Information

(A satellite meeting of AQIS-13)

1-2 September 2013

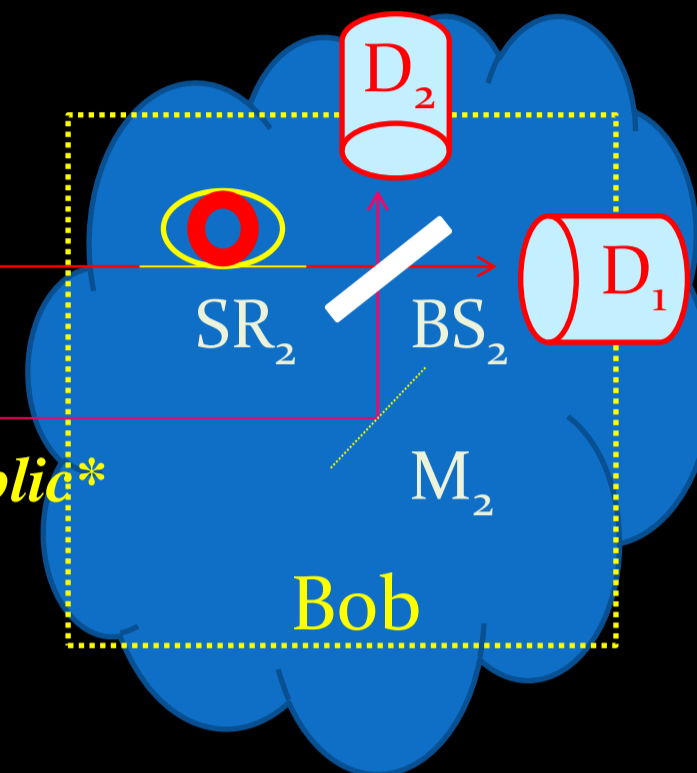
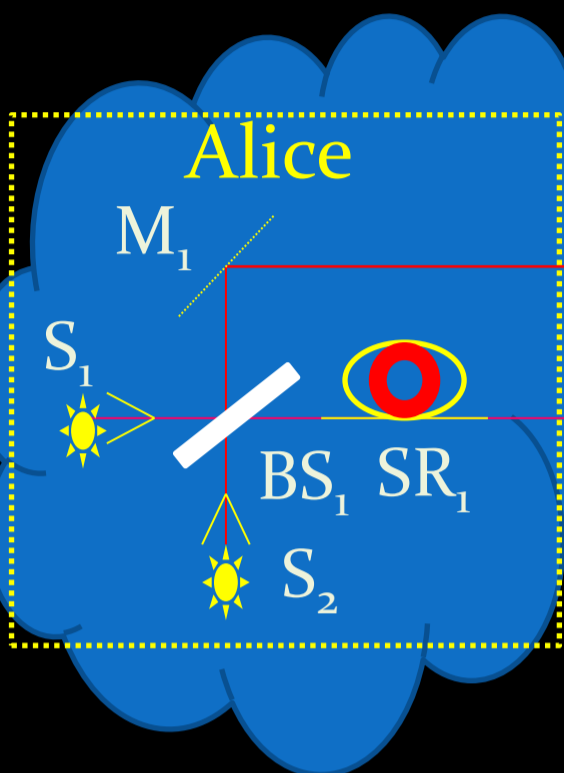
Department of Physics and Materials Science and Engineering
Jaypee Institute of Information Technology, Noida - 201307, India



Quantum computation and quantum communication are among the most emerging areas of interdisciplinary research. Proposals of quantum computation and communication have been implemented using different technologies. Optical implementations have played a crucial role in the recent developments, specially in quantum cryptography and teleportation. This advanced workshop will be focused on optical quantum information with special attention to recent experiments. Leading experts of the field will discuss theoretical and implementation aspects of various proposals of quantum information processing. The workshop will facilitate the exchange of ideas and discussions on latest results among the leading experts of the field and the young researchers. This workshop is a satellite meeting of Asia Quantum Information Science (AQIS-13) organized by IMSc, Chennai.

Invited Speakers

1. Prof. K. Thyagarajan, IIT Delhi, India
2. Prof. D. Goswami, IIT, Kanpur, India
3. Prof. R. Ghosh, JNU, New Delhi & SNU, Noida, India
4. Dr. R. Srikanth, PPISR, Banaglore, India
5. Dr. Alessio Avella INRIM, Turin, Italy
6. Prof. Jan Perina Jr., Palacky University, Olomouc, Czech Republic*
7. Prof. Jozef Gruska, Masaryk University, Czech Republic
8. Prof. Maria Chekhova, Moscow State University, Russia
9. Prof. Ulrik Lund Andersen, DTU, Denmark
10. Dr. S. Ghosh, IMSc, Chennai, India



Program Advisory Committee:

- Dr. Y. Medury, JIIT, Noida, India
Prof. S. C. Saxena, JIIT, Noida, India
Prof. Marco Genovese, INRIM, Italy
Prof. Sergey Kulik, MVLS University, Russia
Prof. Lorenzo Maccone, University of Pavia, Italy
Prof. K. Thyagarajan, IIT Delhi, India
Prof. Rupamnajari Ghosh, SNU, Noida, India
Prof. Ajoy Ghatak, IIT Delhi, India
Prof. Jozef Gruska, Masaryk University, Czech Republic
Prof. D. Goswami, IIT Kanpur, India
Prof. R. Simon, IMSc, India*
Dr. S. Ghosh, IMSc, India
Prof. M. R. B. Wahiddin, MIMOS and IIUM, Kuala Lumpur, Malaysia
Prof. Martin Garcia, University of Kassel, Germany
Dr. Jan Perina Jr., Palacky University, Czech Republic*
Prof. Adam Miranowicz, AMU, Poznan, Poland

*Yet to confirm

Local Organizing Committee

- Prof. D. K. Rai, JIIT, Noida, India
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Dr. A. P. S. Chauhan, JIIT, Noida, India
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Dr. R. Atre, JIET, Guna, India
Dr. A. Venugopalan, GGIPU, Delhi, India
Dr. B. C. Joshi, JIIT, Noida, India
Dr. S. Rawal, JIIT, Noida, India
Prof. A. Pathak, (CONVENOR)
JIIT, Noida, India

Earlier conference/workshops:

1. International Conference on Quantum Optics and Quantum Information (ICQOQC-11), 24-26 March, 2011.
2. Two days workshop on Quantum Mechanics and its Applications, 18-19 April, 2013.

Important:

- Do not send your registration fee until your request for participation is accepted.
- Last date for participation request - August 18, 2013.
- Applications will be accepted on first come first basis.

Registration Fee:

Indian Participants: Rs. 1500
International Participants: US\$ 50

Contact: Prof. Anirban Pathak, Department of Physics and Materials Science and Engineering, Jaypee Institute of Information Technology, A-10, Sector-62, Noida, UP-201307, India.

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Sponsored by :

1) Institute of Mathematical Science, Chennai, India.

2) Department of Science and Technology, New Delhi, India.

