



Quantum Transport 2005

Quantum Transport in Synthetic Metals & Quantum Functional Semiconductors

Bologna Italy 3 July - 5 July 2005

We are pleased to inform you of the International Conference *Quantum Transport 2005 (QT 2005)* that will be held at the CNR Campus in Bologna from 3 to 5 July 2005.

QT 2005 is an evolution of the previous QTSM&QFS conferences and aims to bring together the community of scientists working on different aspects of quantum transport. Future **QT** conferences should provide the opportunity for regular annual meetings in this field. The Conference will include presentations on recent experimental and theoretical results on charge and spin transport in quantum functional materials with the main focus in the field of quasi one-dimensional systems.

For more details, please visit our website at <http://www.ism.bo.cnr.it/quantumtransport/>

Conference topics

- Charge and Spin quantum transport
- Heat transport
- Optoelectronic properties
- Quantum effects in high magnetic fields
- Superconductivity and magnetism on the nanoscale
- Tunneling and single-electron phenomena in low dimension
- Devices and applications

QT2005 is a satellite of the European conference on Molecular Electronics (ECME 8) that will be held in Bologna (29 June-2 July). Please visit the web site: <http://www.ism.bo.cnr.it/ecme8/>

Date and Place of the Conference

Sunday **July 3** to Tuesday **July 5** 2005 at CNR Research Area in Bologna, Italy

Important dates

April 15, 2005	Abstract submission
April 30, 2005	Note of acceptance
May 20, 2005	Final programme
May 25, 2005	Early registration

Registration fee

Early registration (before May 25 th):
400 € full registration
300 € students registration

QT 2005 and ECME 8 joint fee (before May 25 th):
900 € full registration
650 € students registration

Presentation of Contributions

Contributions accepted to the Conference will be presented either orally or by poster. Time allocation for the key notes lectures is 30 minutes and for invited lectures is 20 minutes. The posters will remain on display throughout the conference.

Publication

Abstract booklets will be made available at the Conference. Conference participants are encouraged to submit manuscripts for the Conference Proceedings that will appear in a regular issue of *Current Applied Physics*. The maximum paper length is six journal pages for oral presentations and four journal pages for posters.

Guidelines for authors will be available at <http://authors.elsevier.com>

The manuscripts should be presented during the conference.

An extra charge of 50 € is required for authors contributing to the conference proceedings.

We look forward to seeing you at the conference

Conference chairmen:

C. Taliani, ISMN-CNR, Bologna, Italy
Y. W. Park, Seoul National University, Korea
S. Roth, Max-Planck-Institut für Festkörperforschung,
Stuttgart, Germany

