

Invited Speakers (Tentative)

Ian Appelbaum (University of Maryland)
Ania Bleszynski-Jayich (Yale University)
John Clarke (UC Berkeley)
Per Delsing (Chalmers University of Technology)
Daniel Esteve (CEA-Saclay)
Klaus-Jürgen Friedland (PDI)
Lutz. Geelhaar (PDI)
Kees Harmans (TU-Delft)
Mordehai Heiblum (Weizmann Institute)
Toshiro Hiramoto (The University of Tokyo)
Thomas Ihn (ETH Zurich)
Kohei M. Itoh (Keio University)
Patricia Lee (GTS / ARL)
Anthony J. Leggett (University of Illinois)
John Mamin (IBM Research Division)
John Martinis (UCSB)
Jeff Miller (Harvard University)
Laurens W. Molenkamp (Universität Würzburg)
John J. L. Morton (University of Oxford)
Gilles Nogués (ENS / LKB)
Jukka Pekola (Helsinki University of Technology)
Nicolas Roch (Institut Neel, CNRS, Joseph Fourier University)
Jörg Schmiedmayer (TU-Wien)
Irfan Siddiqi (UC Berkeley)
Jaw-Shen Tsai (NEC / RIKEN)
Lieven Vandersypen (TUDelft)

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Kouichi Semba (NTT BRL) Co-Chair
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Hiroyuki Tamura (NTT BRL)
Kenji Yamazaki (NTT BRL)

Important dates

Abstract deadline : Nov. 15, 2008
Symposium date : Jan. 20 - 23, 2009

Call for Papers

International Symposium on Nanoscale Transport and Technology (ISNTT2009)



January 20 - 23, 2009
NTT Atsugi R&D Center
Atsugi, Kanagawa, Japan



NTT

Basic Research Laboratories

Introduction

International Symposium on Nanoscale Transport and Technology (ISNTT2009) will be held from January 20 to 23, 2009 in NTT Atsugi R&D center. Two series of International Symposium, the "International Symposium on Nanoelectronics, Nanostructures, and Carrier Interactions" (NNCI) and the "Mesoscopic Superconductivity and Spintronics" (MS+S) have so far been organized in NTT since 2000. They are now jointly organized as a new series of symposium, "ISNTT2009", to provide a common ground between the closely related two research fields.

Scope

ISNTT2009 covers all the topics related to the nanoscale transport and technology. The following is a list of the covered subjects:

- Carrier interaction phenomena
- Coherent control and decoherence
- Cooling and Trapping of Atoms
- Low dimensional structures
(quantum dots, nanowires and nanotubes etc.)
- Mesoscopic superconductivity
- Micro and nanomechanical systems
- Nanodevices and nanoelectronics
- Nanolithography and self-assembling
- Nanoprobng and nanoscale characterization
- Neutral atom entanglement
- New physics and experiments in the quantum regime
- Quantum computation and information processing
- Spintronics and spin related transport

Submission of Papers

Abstract Deadline: Nov. 15, 2008

All contributed abstracts will be received electronically. The abstract should be one A4 page including text and figures. Only PDF (Portable Document Format) files are accepted. Please make sure that figures and fonts are embedded in the document. For further details, please visit the symposium web site.

Registration

Registration should be completed online on the web site before the date of the symposium. Registration fees are as follows. The detail will be announced later.

Full Registration Fee	20,000 JPY
Student Registration Fee	10,000 JPY

Passport and VISA

All the persons entering Japan must have valid passports. In addition, persons coming from certain countries must have visas issued by the Japanese consul in their countries. If your visa application requires an invitation to attend the symposium, please make a contact with the Symposium Secretariat. For details, please contact your nearest Japanese Embassy or Consulate. The web site for the Ministry of Foreign Affairs of Japan is:

http://www.mofa.go.jp/j_info/visit/visa/

Official language

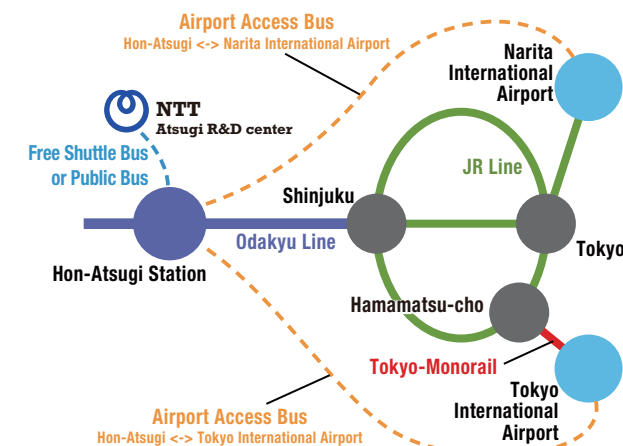
The official language of the symposium is English. No simultaneous translation is provided.

Web site

<http://www.brl.ntt.co.jp/event/isntt2009/>

Travel information

The symposium site, NTT Asugi R&D center, is located 50 km south-west of Tokyo. The nearest major train station from the symposium site is Hon-Atsugi station on the Odakyu Line. Airport access by bus is available between Narita (or Tokyo) International Airport and Hon-Atsugi station.



There are hotels close to Hon-Atsugi station available to the symposium participants through the registration web site. One of the hotels and the symposium site will be connected with free shuttle buses during the symposium. Public bus service is also available between Hon-Atsugi station and NTT Atsugi R&D center. A more detailed information will be given on the symposium web site.

Correspondence

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