



International School and Symposium on Nanoscale Transport and photonics

November 13-17, 2017

NTT Atsugi R&D Center/Atsugi Kanagawa Japan

The International School and Symposium on Nanoscale Transport and photonics (ISNTT2017) is dedicated to promoting mutual exchange between world-leading scientists and researchers in the field of physics and technology of nanoscale/quantum electronic and photonics devices. The series of related school and symposia have been organized by NTT Basic Research Laboratories and ISNTT2017 will take place at NTT Atsugi R&D center, Kanagawa, Japan from November 13 to 17, 2017. The symposium will contain a rich program of invited, oral, and poster presentations, thus providing an opportunity to share the latest topics in this field.

8th NTT BRL school will be held on November 13 as a part of ISNTT 2017. BRL school lectures will be open to the all the participants to ISNTT 2017. We will provide financial support for selected graduate student to present a paper at ISNTT 2017 and attend the school lectures.

Scope

/Transport and optical properties of nanostructures (quantum dots, nanowires, nanotubes, molecules, and so on)
/Dynamics and coherent control of quantum systems /Quantum computation and information processing
/Nanodevices and single-electron devices /Micro and nanomechanical system
/Spintronics and spin related transport /Mesoscopic superconductivity
/Quantum Hall systems /Graphene and Transition Metal Dichalcogenide (TMDC) materials
/Nanolithography and self-assembling /Nanoprobng and nanoscale characterization
/Nanophotonics and photonics crystals /Hybrid quantum system

Submission of Papers

Submission Deadline: September 1, 2017

The details for the submission will be announced on the conference homepage soon.

Organizing Committee

ISNTT 2017 Co-chairs: A. Fujiwara, H. Yamaguchi, K. Muraki, H. Gotoh

BRL school: H. Oakamoto, William J. Munro

Program Committee

S. Saito (chair) , A. Fujiwara, H. Yamaguchi, K. Muraki, T. Tawara, K. Sasaki

Steering Committee

K. Kanisawa (chair), H. Sanada (vice chair), N. Kumada

Further Information

The symposium homepage will be periodically updated. Please, visit our web site at:

<http://www.brl.ntt.co.jp/event/isntt2017/>