



International Symposium on Nanoscale Transport and Technology

November 17-20, 2015

NTT Atsugi R&D Center/Atsugi Kanagawa Japan

The International Symposium on Nanoscale Transport and Technology (ISNTT2015) is dedicated to promoting mutual exchange between world-leading scientists and researchers in the field of physics and technology of nanoscale structures. The series of related symposia have been organized by NTT Basic Research Laboratories since 2000 and ISNTT2015 will take place at NTT Atsugi R&D center, Kanagawa, Japan from November 17 to 20, 2015. 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. Furthermore, 7th NTT BRL school for graduate students will be held jointly on November 15-17, 2015.

Scope

/Transport and optical properties of nanostructures (quantum dots, nanowires, carbon nanotubes 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 photonic crystals /Hybrid quantum system

Submission of Papers

Submission Deadline: August 28, 2015

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

Organizing and Program Committee

A. Fujiwara, H. Yamaguchi, K. Muraki (co-chairs), H. Gotoh, M. Notomi, S. Saito

Steering Committee

K. Kanisawa (chair), N. Kumada(vice chair), T. Ota, T. Yamaguchi, K. Kakuyanagi, G. Yamahata

Advisory Committee

T. Claeson (Chalmers Univ. of Tech.) T. Fujisawa (Tokyo Tech.) Y. Hirayama (Tohoku Univ.)
J. E. Mooij (TU Delft) J. Nitta (Tohoku Univ.) S. Tarucha (Univ. of Tokyo)
Y. Tokura (Univ. of Tsukuba) K. Semba (NICT)

Keynote/Invited talks

Keynote: Gerhard Abstreiter TU München
Per Delsing Chalmers University of Technology
Christian Glattli CEA Saclay
Invited: Tobias Kippenberg EPFL
Gian Salis IBM
(More speakers will be listed after confirmation)

Further Information

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

<http://www.brl.ntt.co.jp/event/isntt2015/>