Invited Speakers (Tentative)

(more speakers will be listed after confirmation)

Yoichi Ando — Osaka Univ.
“Transport studies of topological insulators”

Jerry M. Chow — IBM
“Building towards a superconducting fault-tolerant quantum computer”

David Cox — NPL
“Fabrication and Verification of Optical Superresolution Lenses”

Javier Garcia de Abajo — ICFO
“Plasmon excitations in nanostructured graphene and graphene-related molecules”

Patrice Bertet — CEA-Saclay
“Towards a spin-ensemble quantum memory for superconducting qubits”

Andrew Cleland — UCSB
“TBA”

Jonathan Finley — Walter Schottky Institute
“Ultrafast optical control of charge and spin in artificial atoms and molecules”

Andrea Fiore — TU Eindhoven
“Towards quantum photonic integrated circuits”

Stephen Giblin — NPL
“TBA”

Tobias Kippenberg — EPFL
“Cavity optomechanics: quantum coherent coupling of light and mechanical motion”

Konrad Lehnert — University of Colorado and NIST
“Amplication, memory, and entanglement in electromechanical circuits”

Andrea Mollero — UNSW
“Single-atom spin qubits in silicon”

Oliver G. Schmidt — IFW Dresden
“Inorganic nanomembranes: From stretchable magneto-electronics to catalytic transport”

Seigo Tarucha — The University of Tokyo
“Control of entangled electron pairs with quantum dots”

Zhong Lin Wang — Georgia Tech
“Nanogenerators as new energy technology and piezotronics for functional systems”

Qi-Kun Xue — Tsinghua University
“TBA”

Organizing and Program Committee

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K. Muraki (NTT) co-chair
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Call for papers

International Symposium on Nanoscale Transport and Technology (ISNTT 2013)

November 26 - 29, 2013
NTT Atsugi R&D Center
Atsugi, Kanagawa, Japan

Symposium web site
http://www.brl.ntt.co.jp/event/isntt2013/

Important Date:
Registration Deadline: Oct. 25th, 2013
The International Symposium on Nanoscale Transport and Technology (ISNTT2013) 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 (ISNTT2011, ISNTT2009, NNCI2007, MS+S2006). ISNTT2013 will take place at NTT Atsugi R&D center, Kanagawa, Japan from November 26 to 29, 2013. 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, 6th NTT BRL school for graduate students will be held jointly on November 24-26, 2013.

Prospective authors are requested to submit a one-page camera-ready abstract via the web-site: http://www.brl.ntt.co.jp/event/isntt2013/

Registration
Registration should be completed online on the web site before October 25th, 2013.

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

Passport & VISA
All the persons entering Japan must have valid passport. In addition, persons who come from certain countries must have visas issued by the Japanese consuls 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 Japan 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.

Related event
6th NTT-BRL School (November 24-26, 2013.)
http://www.brl.ntt.co.jp/event/brlschool2013/