

MORIS 2018

Magnetics and Optics Research International Symposium 2018

Date: January 7-10, 2018

Venue: Queens College of CUNY, New York, USA

Deadline for abstract submissions: **October 9, 2017 (EST)**

Sponsor: JSPS 147th Committee on

Amorphous and Nano-Crystalline Materials



Scope:

Magneto-optical Phenomena & Devices

Nonlinear Effects, Magneto-photonic Crystals, Magneto-optical Devices, Nano X-ray Imaging

Fast Spin Reversal / Dynamics

Pump & Probe, All-optical Magnetic Recording, Observation Techniques

Optics and Photonics

Advanced Photonics Materials, Plasmonics, Subwavelength Structures, Nonlinear Phenomena, Metamaterials, Topological Effects

Energy Assisted Magnetic Recording

Head Integration, Surface Plasmon Resonance, Antenna Devices, Recording Physics

New Recording Media / Nano Magnetic Materials

Patterned Media, Multilayer, High-Ku Materials, Nano Particles, Patterned Structures, Nano X-ray Spectroscopy

Magnonics Cooperating with Spin Waves

Fundamentals and Application of Spin Waves, Magnon Control via Spin Currents, Spin Wave Media, Magnon-related Phenomena

New Concepts with New Materials / Devices

Spintronics, Exotic Materials, Topological Materials, Spin Caloritronics, Carbon-based Magnetic Materials, X-ray Magnetic Scattering

Organization:

Symposium General Co-Chairs:

M. Inoue (Toyohashi Univ. Tech., Japan)
A. A. Lisyansky

(Queens College City Univ. New York, USA)

Symposium General Vice Co-Chairs:

K. Nakagawa (Nihon Univ., Japan)
M. Takata (RIKEN, SPring-8 Center, Japan)

Local Chair:

S. Takei
(Queens College City Univ. New York, USA)

Program Co-Chairs:

T. Kato (Nagoya Univ., Japan)
T. Nakamura (JASRI, Japan)

Program Vice Chair:

S. Saito (Tohoku Univ., Japan)

Steering Chair:

T. Ishibashi (Nagaoka Univ. Tech., Japan)

Steering Vice Chair:

A. Tsukamoto (Nihon Univ., Japan)

International Advisory Chair:

H. Awano (Toyota Tech. Inst., Japan)



Call for papers!!

contact information

E-mail: moris2018@physics.qc.cuny.edu

URL: <http://www.moris-optics.org/>