

## ORGANIZATION (as of July 23, 2015)

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K. Nakagawa (Nihon Univ., Japan)

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M. Veis (Charles Univ. in Prague, Czech Republic)  
H. A. Dürr (SLAC NA Lab., USA)  
M. Kläui (Johannes Gutenberg-Univ. Mainz, Germany)

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S. Saito (Tohoku Univ., Japan)  
*Vice-Chair* Y. Ashizawa (Nihon Univ., Japan)  
*Members* T. Satoh (Kyushu Univ., Japan)  
K. Sekiguchi (Keio Univ., Japan)  
Y. Nakamura (Toyohashi Univ. Tech., Japan)  
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F. Nolting (Paul Scherrer Inst., Switzerland)  
S. N. Piramanayagam (Nanyang Tech. Univ., Singapore)

### INTRODUCTION

We are very pleased to inform you that MORIS 2015 is going to be held in Penang, Malaysia on November 29 – December 2, 2015. This will be the 15th MORIS, and, following our good tradition, it has provided good opportunities for fruitful discussions on fundamental research in the area of magnetic, thermo-magnetic, and magneto-optical phenomena, incorporating recent trends extending towards magnonics, spin-photonics, spin-electronics, nano-fabrication technologies, and novel magneto-optical materials and structures. MORIS has attracted number of researchers and engineers from universities and industries worldwide.

MORIS (Magnetics and Optics Research International Symposium) has been organized on a 2-year basis by researchers and engineers who are interested in both fundamental science and new technologies for future magnetic and/or optical materials and devices. Since the 1st MORIS at Tokyo in 1991, the MORIS has been organized in many countries. The last MORIS was held in Omiya, Japan in 2013. We look forward to seeing all of you at Penang, Malaysia, from November 29 to December 2, 2015 !

MORIS 2015 is sponsored by Japan Society for the Promotion of Science (JSPS) Amorphous-nano 147 Committee in cooperation with the following academic societies.

#### Cooperated Academic Society

- The Magnetics Society of Japan
- The Japan Society of Applied Physics
- The IEEE Magnetics Society
- The IEEE Magnetics Society Japan Chapter
- The Physical Society of Japan
- The Institute of Electronics Information and Communication Engineers
- The Institute of Image Information and Television Engineers
- The Institute of Electrical Engineers of Japan
- Optical Society of Japan
- Japan Optomechatronics Association

2nd CALL FOR PAPERS

# MORIS 2015

Deadline for Abstract:  
August 25, 2015

November 29 - December 2, 2015

Toyohashi University of Technology - Universiti Sains Malaysia  
Technology Collaboration Centre in Penang  
3 Cantonment Road, 10350 Penang, Malaysia  
<http://moris2015.org>

MORIS 2015 Secretariat

c/o Proactive Inc.

10F Bay Wing Kobe Bldg. 85-1 Edo-machi, Chuo-ku,  
Kobe-shi 650-0033 Japan  
FAX: +81-78-332-2506 (09:30-18:00 weekdays only)  
E-MAIL: [moris2015@pac.ne.jp](mailto:moris2015@pac.ne.jp)  
URL: <http://moris2015.org>

## SCOPE

The symposium scope is shown as follows:

1. Energy Assisted Magnetic Recording  
(Head Integration, Surface Plasmon Resonance, Antenna Devices, Recording Physics)
2. New Recording Media / Nano Magnetic Materials  
(Patterned Media, Multilayer, High-Ku Materials, Nano Particles, Patterned Structures, Nano X-ray Spectroscopy)
3. Magnonics Cooperating with Spin Waves
4. Fast Spin Reversal / Dynamics  
(Pump & Probe, All-optical Magnetic Recording, Observation Techniques)
5. New Concepts with New Materials / Devices  
(Spintronics, Plasmonics, Meta Materials, Exotic Materials, Topological Materials, Carbon-based Magnetic Materials, X-ray Magnetic Scattering)
6. Magneto-optical Phenomena & Devices  
(MOSLMs, Nonlinear Effects, Magnetophotonic Crystals, Nano X-ray Imaging)
7. Thermo-magnetic Phenomena  
(Thermodynamics Theory & Simulation, Spin Caloritronics)

## REGISTRATION FEES

Registrations should be made on-line. The following fees will be applicable to the MORIS 2015.

	<b>Advance Before Oct. 29, 2015</b>	<b>Standard &amp; On- site After Oct. 30, 2015</b>
*Member	JPY 55,000	JPY 65,000
Non-member	JPY 65,000	JPY 75,000
Student/Retiree	JPY 20,000	JPY 25,000
Accompanying person	JPY 2,000	

\*Member is defined by the cooperated academic society.

\*Registration fees should be paid by credit cards. VISA, MasterCard, Diners Club, American Express and JCB are acceptable. No personal checks are acceptable.

\*Registration fee includes one set of program and digest, admission to all sessions, coffee breaks and proceedings (special issue of the Japanese Journal of Applied Physics (JJAP)).

## IMPORTANT DATES

Tutorial:	November 29, 2015
Technical session:	Nov. 30 – Dec. 2, 2015
Abstract deadline:	August 25, 2015
Advance registration finishes:	October 29, 2015
Standard registration begins:	October 30, 2015
Proceedings (JJAP) deadline:	November 29, 2015

## CONTRIBUTED PAPERS AND PREPARATION OF ABSTRACT

In this MORIS, the oral sessions will be constituted of invited presentations. The contributed papers will be allocated to the poster session in principle, and they are endowed with the right to take fairly their award, i.e. "Best Poster Award".

All the authors should submit a two-page abstract which is prepared in Portable Document Format (as a pdf file), regardless of their session type. Paper acceptance is based on abstract submission. The Abstract must be submitted via

<http://moris2015.org/>

Please note that after 23:59 of August 25, the abstract submission website will automatically be closed and submissions will no longer be accepted.

**Deadline for submission: August 25, 2015 (JST)**

Authors are requested to submit an electronic version of their abstract written in English. All electronic documents for the abstract should be prepared in Portable Document Format (as a .pdf file). The abstract must be written within a 17 cm by 22 cm rectangular area for offset reproduction on A4-size paper and must be limited to two pages in length, including figures, tables, results, discussion and references. A sample format and instructions for preparing the abstract is available on the website of Abstract Template. Please note that no submission by Fax will be accepted.

## SUBMISSION OF PAPERS

Papers accepted in MORIS 2015 will be published in the Special Issue of the Japanese Journal of Applied Physics (JJAP). Manuscripts will be reviewed and processed following the standard JJAP procedure. Submission deadline would be **November 29, 2015**, the first day of the symposium. Let us publish your good works from JJAP!

## INVITED PRESENTATIONS (as of July 23, 2015)

### Tutorial Speakers

Russell Cowburn (University of Cambridge, United Kingdom)

Eiichiro Matsubara (Kyoto University, Japan)

### Invited Speakers

Hirofumi Suto (Toshiba, Japan)

JiangFeng Hu (Data Storage Institute, Singapore)

John L. Ibele (Seagate Technology, USA)

Justin M. Shaw (National Institute of Standards and Technology, USA)

Arantxa Fraile Rodríguez (Universitat de Barcelona, Spain)

Alexander Serga (Technische Universität Kaiserslautern, Germany)

Helmut Shultheiss (Helmholtz-Zentrum Dresden-Rossendorf, Germany)

Adekunle O. Adeyeye (National University of Singapore, Singapore)

Martin Weinelt (Freie Universität Berlin, Germany)

Marco Battiato (Vienna University of Technology, Austria)

Stéphane Mangin (Université de Lorraine, France)

Alexander Reid (Stanford University, USA)

Tomohiro Koyama (University of Tokyo, Japan)

Lew Wen Siang (Nanyang Technological University, Singapore)

Tomasz Dietl (Polish Academy of Sciences, Poland)

Shunsuke Muto (Nagoya University, Japan)

Stefan Eisebitt (Technische Universität Berlin, Germany)

Alexandra Mougin (Université Paris-Sud, France)

Navy Yam (Université Paris-Sud, France)

Hiroto Adachi (Japan Atomic Energy Agency, Japan)

Ulrich Nowak (Universität Konstanz, Germany)

Takuma Shiga (University of Tokyo, Japan)

Jan Lüning (Université Pierre et Marie Curie, France)

### VISA for Entering Malaysia

It may take over 3 months to get a visa. Please apply for a visa as early as possible if you need it.

All foreign participants must carry a valid passport, and in many cases a visa also. There have been many cases where conference participants could NOT come because they applied for a visa too late. If you are not sure, please check with the Malaysia embassy, consulate or a travel agent. Please make sure to apply for a visa (if applicable) for all accompanying persons. See the web page of immigration department of Malaysia below.

<http://www.imi.gov.my/index.php/en/main-services/visa>