

# MORIS2022

**Magnetics and Optics Research International Symposium 2022**



**Date: May 16<sup>th</sup> – 19<sup>th</sup>, 2022**

**Place: Shimane Prefectural Convention Center,  
"Kunibiki Messe", Shimane, Japan**



**First Announcement**

**Abstract deadline: Feb. 26<sup>th</sup>, 2022**



Kunibiki Messe

## Scope

### **Magneto-optical / Optical Phenomena and Devices**

Nonlinear Phenomena, Magneto-photonic Crystals, Magneto-optical Devices, Advanced Photonics, Plasmonics, Subwavelength Structures, Related Materials

### **Ultrafast Dynamics / Reversal**

Pump and Probe, All-optical Magnetic Recording, Observation Techniques, Magnetic Textures

### **Novel Magnetic Recording Technologies**

Energy Assisted Magnetic Recording, Head Integration, Surface Plasmon Resonance, Antenna Devices, Recording Physics

### **Magnetic Materials Fabrication and Engineering**

Storage Materials, Multilayer, High- $K_u$  Materials, Patterned and Artificial Structures, Nano Particles, Soft Magnetic Materials, Characterization Technologies, Materials Informatics

### **Magnonics and Antiferromagnetic Materials**

Fundamentals and Application of Spin Waves, Magnon-related Phenomena, Magnon Control via Spin Currents, Optical and Magneto-optical Investigation of Antiferromagnets and Applications

### **New Concepts and New Materials / Devices**

Spintronics, Spin Caloritronics, Magnetoelectric Behavior, Exotic Materials, Topological Materials, Carbon-based Magnetic Materials

### **Advanced Light Source and Applications**

Synchrotron, Free Electron Laser, High Harmonic Generation, X-ray, THz, Magnetic Characterization, Imaging, Novel Optical Phenomena, Time Resolved Measurements

## MORIS

(Magnetics and Optics Research International Symposium) is the world's leading forum for discussions on fundamental and applied research in the area of magnetic, thermo-magnetic, and magneto-optical phenomena, incorporating recent trends extending towards magnonics, spin-photonics, optics and photonics, spin-electronics, nano-fabrication technologies, and novel magneto-optical materials and structures.

MORIS has been organized on a biannual basis since 1991. Since then, MORIS has been organized in many countries and has attracted researchers and engineers from universities and industry worldwide. **MORIS2022 will be held from May 16<sup>th</sup> to 19<sup>th</sup>, 2022 in Shimane, Japan.** We are looking forward to seeing all of you then.

## Organization

### **Symposium General Co-chairs:**

M. Inoue (Natl. Inst. Tech., Japan)  
K. Nakagawa (Nihon Univ., Japan)

### **Steering Chair:**

T. Kato (Nagoya Univ., Japan)

### **Steering Vice Chair:**

F. Akagi (Kogakuin Univ., Japan)

### **Program Co-chairs:**

A. Tsukamoto (Nihon Univ., Japan)  
A.V. Kimel (Radboud Univ. Nijmegen,  
The Netherlands)

### **International Advisory Chair:**

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

### **International Advisory Vice Chair:**

A. Kikitsu (Toshiba, Japan)

## Contact information

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