

MORIS2026

Magnetics and Optics Research International Symposium 2026



Date: May 25-28, 2026

Venue: Dejima Messe Nagasaki, Nagasaki, Japan

Digest deadline: Jan. 17, 2026

Website: <https://moris2026.org/>

Contact information: info@moris2026.org

Scope 🔍

- 1. Magneto-optical phenomena and devices**
Linear and nonlinear magneto-optical effects; spin-photonics and opto-spintronic phenomena and devices.
- 2. Magnetic materials: fabrication and engineering**
Antiferromagnetic, ferrimagnetic, altermagnetic, multiferroic, topological, two-dimensional (2D), high-anisotropy (high-Ku), and metamaterials; multilayers, patterned and artificial structures, and nanoparticles.
- 3. Ultrafast dynamics, magnetization reversal, and magnonics**
All-optical switching, spin-wave dynamics, opto-magnonics, and cavity magnonics
- 4. Emerging concepts**
Spintronics, spin caloritronics, thermo-magnetic effects, magnetoelectric phenomena, magnetic measurement technologies, power electronics applications, electromagnetic compatibility, materials informatics, artificial intelligence in magnetism, magneto-phononics, chiral-phononics, and orbitronics.
- 5. Advanced light sources and characterization techniques**
Synchrotron radiation, free-electron lasers, terahertz time-domain spectroscopy, magneto-optical imaging, and electromagnetic field analysis.
- 6. Magnetic recording, memory, and high-frequency device technologies**
Energy-assisted magnetic recording, head integration, surface plasmon resonance, antenna-based devices, magnetic random-access memory (MRAM), magnetoelectric RAM (MeRAM), and high-frequency magnetic devices.

Organization

Symposium General Chair:

Takeshi Kato (Nagoya Univ.)

Steering Committee:

Chair: Arata Tsukamoto (Nihon Univ.)

Vice-Chair: Koji Sekiguchi (Yokohama Natl. Univ.)

Program Committee:

Chair: Takuya Satoh (Science Tokyo)

International Advisory Committee:

Chair: Akira Kikitsu (Toshiba)

Vice-Chair: Takayuki Ishibashi (Nagaoka Univ. Tech.)

Local committee:

Chair: Masaki Nakano (Nagasaki Univ.)

Vice-Chair: Takeshi Yanai (Nagasaki Univ.)

Cooperating Academic Societies *

The Magnetics Society of Japan

The Japan Society of Applied Physics

The Optical Society of Japan

The Institute of Electrical Engineers of Japan

The Institute of Electronics,

Information and Communication Engineers

The Institute of Image Information

and Television Engineers

Japan Optomechatronics Association

The Physical Society of Japan

The IEEE Magnetics Society

Tokyo, Sendai Sapporo Joint, Shin Etsu, Nagoya,

Kansai Shikoku Joint, Kyushu Chugoku Joint Chapters

Supported by Nagoya University

(* Under negotiation)

Magnetics & Optics