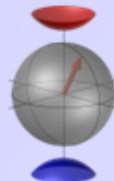


4th International Workshop of Spin/Quantum Materials and Devices (IWSQMD2025)



IWSQMD



Date: January 26th & 27th, 2026

Invited Speakers

Venue: ESPAS, Katahira Kitamon Kaikan, 2F, Tohoku U.

M. Aeschlimann (RPTU University Kaiserslautern-Landau) "Ultrafast Magnetism Across Magnetic Material Classes" (Special lecture)

S. Tomita (Tohoku Univ.) "Time-varying magnetic metamaterials for synthetic motion"

T. Tashima (Kyoto Univ.) "Quantum infrared spectroscopy using a broadband visible-infrared quantum-correlated photon source"

S. Sakamoto (Tohoku Univ.) "Probing a Chiral Antiferromagnet by Synchrotron X-ray Dichroism"

K. Yamada (Science Tokyo) "All-optical helicity-dependent magnetization switching in ferromagnetic metals"

A. De (Tohoku Univ.) "From ultrafast demagnetization via nutation to precession: a unified view of laser-driven spin dynamics"

Y. Sasaki (NIMS) "All-optical study of spin dynamics in magnetic recording materials"

S. Watanabe (Keio Univ.) "Frequency-comb-based precision metrology for spintronics research"

E. Oishi (Ritsumeikan Univ.) "Circularly polarized Raman study of chiral phonons in α -quartz"

R. Hisatomi (Kyoto Univ.) "Optical vortex generation by magnons with spin-orbit-coupled light"

D. Sekine (QST) "Visualization of structural domains in a layered semiconductor SnS using photoluminescence"

Registration fee: free

URL: https://www.csrn.tohoku.ac.jp/img/IWSQMD4_program6.pdf

Organizers: S. Mizukami, S. Miki, K. Ishibashi

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科研費
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