



2nd SRIS Colloquium
TOHOKU FORUM for CREATIVITY

- Thematic Program 2026 Pre-event -
- Junior Research Program 2026 Pre-event -



Interfacial Magnetism in Nickelate-Titanate Superlattices and MCD RIXS in the topological ferromagnetic metal Fe_3Sn_2

Dr. Thorsten Schmitt
PSI Center for Photon Science,
Paul Scherrer Institute



In this lecture, I will give an overview about two topical studies employing Resonant Inelastic X-ray scattering on quantum materials: 1) Emergence of Interfacial Magnetism in Strongly-Correlated Nickelate-Titanate Superlattices & 2) Spin waves and orbital contribution to ferromagnetism in the topological metal Fe_3Sn_2 .

March 14, 2025, 10:30 – 12:00

SRIS Building, Entrepreneur Hall

Contact

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TOHOKU FORUM for CREATIVITY

Thematic Program 2026

*『Towards New Scientific Horizons
with Synchrotron Radiation』*

Junior Research Program 2026

*『X-ray Spectroscopy
for Future Nano Materials Science』*