

International Symposium

MSSp2025

Materials Science and Spintronics for Sustainable Futures from Tohoku

November 4(Tue.) - 7(Fri.), 2025, Sendai, JAPAN

The 9th Symposium for the Core Research Clusters for Materials Science and Spintronics and the 8th Symposium on International Joint Graduate Programs in Materials Science and Spintronics

Venue: Katahira Campus, Tohoku University

Plenary Speakers:



Seungwu HAN

Seoul National University (Republic of Korea)

Foundation Model: Catalyst for Data-Centric Materials Research

Nov. 4 (Tue.) 9:35-10:20



Emi MINAMITANI

The University of Osaka (Japan)

Persistent Homology Elucidates Structure-Property Correlations in Amorphous Materials

Nov. 5 (Wed.) 9:00 - 9:45



Zhaomin HOU

RIKEN Center for Sustainable Resource Science (Japan)

Self-Healing Polyolefins: Toward Flexible Conductors and Beyond

Nov. 5 (Wed.) 9:45-10:30



Bela BAUER

Microsoft Quantum (USA)

Majorana-Based Topological Qubits: A Path to Fault-Tolerant Quantum Computing

Nov. 5 (Wed.) 16:15-17:00



Di XIAO

The University of Washington (USA)

Twist, Learn, Discover: Topology and Correlation in Twisted TMD

Nov. 6 (Thu.) 9:00 - 9:45



Ching-Ray CHANG

Chung Yuan Christian University (Taiwan)

National Taiwan University (Taiwan)

Spin Meets Qubit: The Future of Quantum Machines

Nov. 6 (Thu.) 13:30-14:15



The plenary lectures are hybrid, but the poster presentations are on-site only. For details and to register, please visit the following
https://www.crc-ms.tohoku.ac.jp/en/Symposium/2025_index.html

Organized by: Core Research Cluster for Materials Science (CRC-MS)
Center for Science and Innovation in Spintronics (CSIS)
International Joint Graduate Program in Materials Science (GP-MS)
Graduate Program in Spintronics (GP-Spin)

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