

# 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



**Chetan NAYAK**

Microsoft Station Q (USA)  
University of California, Santa Barbara (USA)

*Majorana-Based Topological Qubits*

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](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)

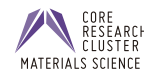




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# Call for Poster Presentations

## Deadline: September 16(Tue.) 2025

Poster Session: November 5 (Wed.)

Best Poster Award Ceremony: November 7 (Fri.)

Venue: Katahira Campus, Tohoku University



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