

18th Czech and Slovak Conference on Magnetism

Friday, July 11, 2025

Section S10: Other magnetic materials and applications - PART 1 (9:00 AM - 10:30 AM)

-Conveners: Jan Minar

| time | [id] title | presenter |
|----------|---|-------------------|
| 9:00 AM | [183] Spin-Wave Mediated Mutual Synchronization and Phase Tuning of Spin Hall Nano-Oscillators | Dr KUMAR, Akash |
| 9:30 AM | [61] Pt-Doped WS ₂ the First Extrinsic Dilute Magnetic Semiconductor | HSIEH, Ya-Ping |
| 9:45 AM | [59] Unmasking the Intrinsic Spin Dynamics at the Interfaces of $\text{Fe}_3\text{O}_4/\text{Pt}$ Materials and Ferromagnets | HOFMANN, Mario |
| 10:00 AM | [68] Spin-Glass and Quantum Spin Liquid Ground-States in $\text{NaCdM}_{1-x}\text{F}_x$ Pyrochlore ($M = \text{Co}^{2+}, \text{Ni}^{2+}, \text{Cu}^{2+}$) and Defect-Fluorite ($M = \text{Mn}^{2+}$) Antiferromagnets | Mr KANCKO, Andrej |
| 10:15 AM | [6] Magnetic Slip Casting: A Route to Realize Rotational MCE in Textured Polycrystals | SAKTHIVEL, Swathi |

Section S10: Other magnetic materials and applications - PART 2 (11:00 AM - 12:30 PM)

-Conveners: Pavel Ripka

| time | [id] title | presenter |
|----------|---|--------------------|
| 11:00 AM | [16] Quantum Materials and Magnetic Phenomena Studied by Spin Resolved ARPES: Theoretical Perspectives | MINAR, Jan |
| 11:30 AM | [3] Technogenic Particles Emission Sources Identification with Magnetic Methods and Mössbauer Spectrometry | SZUMIATA, Tadeusz |
| 11:45 AM | [79] Exploring the Soft Magnetic Properties of Various Iron-Silicon Alloys Manufactured via Selective Laser Melting | KOCSIS, Bence |
| 12:00 PM | [11] Strain Induced Martensite in the Austenitic Steels and its Monitoring via Barkhausen Noise Emission | NESLUŠAN, Miroslav |