



# 18th Czech and Slovak Conference on Magnetism

## Monday, July 7, 2025

**Section S4: Magnetic materials and heterostructures for spintronics, topological and quantum magnetic phenomena (4:30 PM - 6:30 PM)**

**-Conveners: Martin Gmitra**

time	[id] title	presenter
4:30 PM	[164] Spintronics With $\text{2D}$ Magnets	FABIAN, Jaroslav
5:00 PM	[15] Computational Study of $\text{1T-TaS}_2$ Monolayer: A Janus Structure Exhibiting Charge Density Wave Ordering	SZALOWSKI, Karol
5:15 PM	[99] High Spin Polarization in $\text{Co}_2\text{FeSn}$ Heusler Nanowires for Spintronics	Mr SZABO, Pavol
5:30 PM	[58] Low Temperature Magnetic Phase Coexistence in Ni-Fe Layered Double Hydroxides	Dr FERTMAN, Olena
5:45 PM	[152] Simulations of Magnetic Scattering at Nano-Scale in Transmission Electron Microscopy	RUSZ, Jan
6:00 PM	[155] The Effect of Magnetization Direction and Stacking of Layers on Charge to Spin Conversion in Graphene on $\text{1T-TaS}_2$	MNICH, Juraj
6:15 PM	[106] Lattice and Magnetic Excitations in Vanadium van der Waals Trihalides	POSPÍŠIL, Jiří