



# 18th Czech and Slovak Conference on Magnetism

## Tuesday, July 8, 2025

### Section S6: Low-dimensional magnetic materials, molecular magnets and ferrofluids - PART 1 (2:00 PM - 4:00 PM)

-Conveners: Sergei Zvyagin

time	[id] title	presenter
2:00 PM	[75] A Frustrated Antipolar Analogue to the Classical Spin Liquid in Triangular Lattice $\text{EuAl}_{12}\text{O}_{19}$	COLMAN, Ross
2:30 PM	[161] Magnetism and Excitations in Quasi-2D Materials Under External Perturbations: Microscopic Understanding	CARVA, Karel
2:45 PM	[87] Magneto-Elastic Interaction in $\text{Y}_3\text{Cu}_9(\text{OH})_{19}\text{Cl}_8$	DOLEŽAL, Petr
3:00 PM	[193] Energy Harvesting by Ferrofluids	Dr RAJŇÁK, Michal
3:15 PM	[138] Influence of Magnetic Field Averaging on Modeling Magnetic Properties of Molecular Nanomagnets	Dr ANTKOWIAK, Michał
3:30 PM	[162] Exploration of Large Coordination Clusters and Their Switchability	KOBYLARCZYK, Jędrzej
3:45 PM	[110] EPR Study of Spin Anisotropies in the $S=1/2$ Spatially Anisotropic Triangular Quantum Magnet $\text{Cu}(\text{tn})\text{Cl}_2$	DARWICH, Ali

Thursday, July 10, 2025

Section S6: Low-dimensional magnetic materials, molecular magnets and ferrofluids - PART 2 (11:00 AM - 12:00 PM)

-Conveners: Ross Colman

time	[id] title	presenter
11:00 AM	[25] Manipulating Ground State Properties of a Large-D Spin- $S$ Chain System by Pressure	ZVYAGIN, Sergei
11:30 AM	[196] Emergent Kasteleyn Signatures in Frustrated Quantum Heisenberg Antiferromagnets	KARLOVA, Katarina
11:45 AM	[24] Stimuli-Responsive Composites Incorporating Molecular Magnets and Organic Polymers	FITTA, Magdalena