



# 18th Czech and Slovak Conference on Magnetism

## Wednesday, July 9, 2025

### Section S8: Strongly correlated electron systems, superconducting materials - PART 1 (11:00 AM - 12:45 PM)

-Conveners: Karol Flachbart

time	[id] title	presenter
11:00 AM	[113] An Experimental View on Superconductivity in the Superhydrides	GROCKOWIAK, Audrey
11:30 AM	[132] Is the Established Theory of Superconductivity Incomplete?	Prof. HLUBINA, Richard
11:45 AM	[14] Ising Superconductivity in Bulk $\text{Hf}_x\text{Nb}_{1-x}\text{Se}_2$	Prof. SAMUELY, Peter
12:00 PM	[127] New Ti-rich Yttrium-Containing Superconducting High-Entropy Alloys With High Upper Critical Field	Mr RUSIN, Bartosz
12:15 PM	[19] Perspectives of Iron Pnictide and $\text{MgB}_2$ Superconductors Discovered in the Third Millennium	KOVÁČ, Pavol
12:30 PM	[176] Local Limit Disorder Characteristics of Superconducting Radio Frequency Cavities	HERMAN, František

# Thursday, July 10, 2025

**Section S8: Strongly correlated electron systems, superconducting materials - PART 2 (12:00 PM - 12:45 PM)**

-Conveners: Ross Colman

time	[id] title	presenter
12:00 PM	[195] Upper Critical Field and Pairing Symmetry of Ising Superconductors	Prof. CREN, Tristan
12:30 PM	[100] Single-Gap Two-Band Superconductivity Well Above the Pauli Limit in Non-Centrosymmetric TaIr <sub>2</sub> B <sub>2</sub>	Dr KAČMARČÍK, Jozef