



# Perspectives with High Magnetic Fields at Neutron Sources

## Thursday 03 November 2022

### Experience with pulsed fields | Science & Techniques: part 1/2 - ILL4 (08:30-10:00)

time	[id] title	presenter
08:30	[9] Neutron scattering experiments with pulsed magnetic fields — today and tomorrow	Dr. FOGH, Ellen
09:00	[10] Metamagnetism and superconductivity in UTe <sub>2</sub>	Dr. KNAFO, William
09:30	[11] Physics in ultra-high magnetic field: taking materials to the extreme	Dr. MOLL, Philip

### Experience with pulsed fields | Science & Techniques: part 2/2 - ILL4 (10:30-12:00)

time	[id] title	presenter
10:30	[13] Insights from developing a pulsed field system for SwissFEL	Dr. STEPPKE, Alexander
11:00	[12] Pulsed magnetic fields for neutron diffraction: technical challenges and scientific opportunities	Dr. DUC, Fabienne