



# JDN 2025

## Monday, June 2, 2025

### Contributed talks (3:45 PM - 5:00 PM)

time	[id] title	presenter
3:45 PM	[8] On De Gennes Narrowing of Fluids Confined in Nanoporous Materials	COASNE, Benoit
4:00 PM	[4] Bond-dependent interactions and ill-ordered state in the honeycomb cobaltate $\text{BaCo}_2(\text{AsO}_4)_2$	DEVILLEZ, Armand
4:15 PM	[29] In Situ SAXS and SANS Monitoring of Both Nanofillers and Polymer Chain Microstructure under Uniaxial Stretching in a Nanocomposite with a Controlled Anisotropic Structure	Dr COUSIN, Fabrice
4:30 PM	[6] Enhanced dynamics in disordered non-Kramers spin ice $\text{Ho}_2(\text{Ti}_{1-x}\text{Hfx})_2\text{O}_7$ : toward the Coulomb quantum spin liquid state	BUJULT, Nathan
4:45 PM	[7] Diffraction data processing for DREAM at the European Spallation Source	DURNIAK, Celine

# Tuesday, June 3, 2025

## Contributed talks (1:15 PM - 2:30 PM)

time	[id] title	presenter
1:15 P	[M0] Deciphering membrane protein structures through scattering and modeling: insights into TSPO, a neuroimaging key marker	COMBET, Sophie
1:30 P	[M0] SAM: a new SANS instrument at the ILL	METILLI, Lorenzo
1:45 P	[M1] L'étude de vieillissement des électrodes de batteries Li-ion par imagerie neutronique	ONEY, Gozde
2:00 P	[M3] Effect of the magnetic metal site on the dipolar-octupolar pyrochlores Nd <sub>2</sub> Ru <sub>2</sub> O <sub>7</sub> and Nd <sub>2</sub> Ir <sub>2</sub> O <sub>7</sub>	Dr MORINEAU, Felix
2:15 P	[M4] Optical molecules in MFI-type zeolites: the unique assets of neutron scattering to complex systems	Dr PORCHER, Florence

# Wednesday, June 4, 2025

## Contributed talks (11:00 AM - 12:00 PM)

time	[id] title	presenter
11:00	[16] One-dimensional hydride ion diffusion in the nitride-hydride catalyst Ca <sub>3</sub> CrN <sub>3</sub> H	FINE, Lucas
11:15	[20] Accessing Diffusive Properties of Dilute Protein Solutions with Neutron Backscattering	BECK, Christian
11:30	[21] Microscopic view of hydrogen adsorption in size-variant nano-clay materials	LAUNOIS, Pascale
11:45	[22] Bowtie-Shaped Deformation Isotherm of Superhydrophobic Cylindrical Mesopores	PICARD, Cyril

## Contributed talks (3:30 PM - 4:45 PM)

time	[id] title	presenter
3:30 P	[30] Fate of self-assembled lipid nanoparticles in a biomimetic medium	RONCIN, Hugo
3:45 P	[38] Thermal conductivity in terbium-based compound : KTb <sub>3</sub> F <sub>10</sub>	IVANOV, Alexandre FAUQUÉ, Benoît ROESSLI, Bertrand RESSOUCHE, Eric DAMAY, Françoise LE BERRE, Françoise Dr BOURDAROT, Frederic LHOSTE, Jérôme DEMORTIER, OLIVIER SIBILLE, Romain PETIT, Sylvain FENNELL, Tom COLIN, claire
4:00 P	[28] Near-Surface Concentration Profile of Sheared Semidilute Polymer Solutions	LAFON, Suzanne
4:15 P	[33] Emergent Polar Metal Phase in a Van der Waals Mott Magnet	DENG, Shiyu
4:30 P	[36] ICONE: instrument suite status	FABREGES, Xavier

## Contributed talks (5:00 PM - 6:00 PM)

time	[id] title	presenter
5:00 P	[26] Fluids at an electrostatically active surface: Optimum in interfacial friction and hydroelectronic drag	HERRERO GUILLEN, Cecilia
5:15 P	[35] Neutron detectors	GUERARD, Bruno
5:30 P	[34] Ninety years of ripening in small angle scattering instrumentation and exploitation methodology	ZEMB, Thomas