



# JCNS Workshop 2024, Trends and Perspectives in Neutron Scattering: Functional Interfaces

## Donnerstag, 10. Oktober 2024

### Bio-interfaces (10:30 - 12:00)

time	[id] title	presenter
10:30	[12] Curvature induced phase separation in lipid bilayers: A structural and compositional perspective	Prof. CARDENAS, Marite
11:00	[11] Neutron Scattering as diagnostic tool to investigate the molecular interactions at lipid nano-biointerfaces	VITIELLO, Giuseppe
11:30	[9] Timescales of Cell Membrane Fusion Mediated by SARS-CoV2 Spike Protein	JAKSCH, Sebastian
11:45	[23] NR determination of the structural profile of asymmetric myelin membranes and their interaction mechanism with Myelin Basic Protein (MBP)	PUSTERLA, Julio Martín

### Bio-interfaces (13:30 - 14:00)

time	[id] title	presenter
13:30	[49] Dynamical heterogeneity in the model brain lipid membrane due to NSAIDs	Dr. DUBEY, Purushottam
13:45	[58] The Influence of Charge on the Interaction Between Intrinsically Disordered Proteins and Phospholipid Membranes: A Neutron Reflectometry Examination of $\alpha$ -Synuclein and Synaptobrevin-2	Dr. APANASENKO, Irina

# Freitag, 11. Oktober 2024

## Bio-interfaces (09:00 - 09:45)

time	[id] title	presenter
09:00	[32] Biomimetic interfaces to unveil the cell internalization mechanisms of extracellular vesicles	Prof. RONDELLI, Valeria
09:30	[44] The Interaction of Styrene Maleic Acid Copolymers with Phospholipids in Langmuir Monolayers, Vesicles and Nanodiscs	ARNOLD, Tom