

Session Program

2-4 Jul 2025



PAQMAN

Liquids, soft matter, and biophysics

Sola Strand Hotel

Wednesday 2 July

09:00

Liquids, soft matter, and biophysics: Liquids and soft matter

Session | Location: Sola Strand Hotel

09:10–09:40

Neutron Scattering with Polarized Neutrons Combined with MD-Simulations: New Insights into Collective and Self Dynamics from Intermediate to Intermolecular Length Scales

Speaker

Arantxa Arbe

09:40–10:10

Nuclear quantum effects in liquid water explored using polarized QENS

Speaker

Dr Miguel Angel Gonzalez

10:10–10:30

Polarized quasi-elastic neutron spectroscopy accessing molecular structural relaxations in water-ethanol mixtures with and without guest molecules

Speaker

Dr Tilo Seydel

10:30–10:50

Coffee

10:50–11:20

Probing polymer structure and dynamics through molecular dynamics simulations and comparison with NSE and SANS spectra

Speaker

Dimitrios Tsalikis

11:20–11:40

Dynamics of Organic Ferroelectrics using Quasi-elastic Neutron Scattering Spectroscopy and Molecular Dynamics Simulations

Speaker

Sanghamitra Mukhopadhyay

11:40–12:00

Dynamics of ionic liquids confined in porous glasses - A showcase for polarization analysis in QENS

Speaker

Olaf Holderer

12:00

Thursday 3 July

13:30

Liquids, soft matter, and biophysics: Biophysics

Session | **Location:** Sola Strand Hotel

13:30–14:00

Influence from polarised QENS for proteins in solution - Ideas for data treatment for normal and polarised QENS

Speaker

Mona Sarter

14:00–14:30

Lipid acyl tail dynamics measured using conventional and polarized quasielastic neutron scattering

Speaker

Michihiro Nagao

14:30