

CONFIT

Tuesday, 11 October 2022

Talks (08:30 - 10:00)

time	[id] title	presenter
08:30	Director's Welcome	
08:50	[41] Confinement effects and multiple glassy dynamics for a homologous series of triphenylene-based columnar liquid crystals – A study by broadband dielectric spectroscopy, advanced calorimetry and neutron scattering	SCHOENHALS, Andreas
09:20	[36] Confinement induced relaxations and phase behavior of a nanoconfined ionic liquid crystal	Mr KOLMANGADI, Mohamed Aejaz
09:40	[22] Layers of ionic liquids with nitrate ions enclosed between micrometer-spaced glass plates	Prof. FILIPPOV, Andrei

Talks (10:15 - 12:00)

time	[id] title	presenter
10:30	[20] How the behavior of cations within interfacial layer can influence the water dynamics in confined media	KHODER, Hassan
11:00	[23] Dynamics of water inside boehmite suspensions probed by NMR techniques	DUCROIX, alice
11:20	[27] Heterogeneous Microscopic Dynamics of Intruded Water in a Superhydrophobic Nanoconfinement: Neutron Scattering and Molecular Modeling	PICARD, Cyril
11:40	[31] Translational diffusion of a fluorescent tracer molecule in nanoconfined water	Dr PATIL, Shivprasad

Talks (13:30 - 15:00)

time	[id] title	presenter
13:30	[26] The effect of surface conditions on the glass-transition dynamics of poly(phenylmethylsiloxane) confined in cylindrical nanopores	ADRJANOWICZ, Karolina
14:00	[51] Block Copolymer Assembled Mesoporous Materials Architectures for Biosensing Applications	GULDIN, Stefan
14:20	[18] Mechanics of buried thin polymer films revealed by a combined full analysis of the σ -specular and specular neutron reflection	GUTFREUND, Philipp
14:40	[35] Dependence of local dynamics on the chain length of grafted molecules	SHARMA, Aakash

Talks (15:30 - 17:00)

time	[id] title	presenter
15:30	[49] Structuration, dynamics and diffusion of water in hydrophilic nanotubes	LAUNOIS, Pascale

16:00	[29] Water dynamics in a saponite: coupling molecular dynamics and NSE experiments	Prof. MARRY, Virginie
16:20	[32] Anomalous ionic transport in subnanometric water films	ALLEMAND, Aymeric
16:40	[21] Experimentally probing ionic solutions in single-digit nanoconfinement	REBISCOUL, Diane

Wednesday, 12 October 2022

Talks (08:30 - 10:00)

time	[id] title	presenter
08:30	[54] Smart membranes for energy conversion: a neutron approach	FOGLIA, Fabrizia
09:00	[28] Selective Ion Transport through Ion-Exchange-Membranes for Fuel Cells, Electrolyzers and Flow Batteries: The effect of "Ion Sieving"	KREUER, Klaus-Dieter
09:20	[37] Wetting/drying mechanisms associated with nanoconfined salt solutions: an optical reflectance study on vapour phase imbibition and adsorption	Dr DUTTA, Sujeet
09:40	[17] Modulating The Physico-Chemical Properties Of Water By Confinement In Hydrophobic NanoPores	Mr ARBIV, Gavriel

Talks (10:30 - 12:00)

time	[id] title	presenter
10:30	[57] Equilibrium and non-equilibrium dynamics of polymers confined in nanopores	FLOUDAS, GEORGE
11:00	[15] Metastable Confinement of Molecular Hydrogen in Double Wall Carbon Nanotubes bundles	Dr CABRILLO, Carlos
11:20	[30] Insight into friction in carbon nanotubes: guest-host interactions and thermal-driven pinning and unpinning in nanopeapods	BOUSIGE, Colin
11:40	[34] Hydrogen mobility in layered materials: MoS ₂ and Carbon	FOUQUET, Peter

Talks (13:30 - 15:00)

time	[id] title	presenter
13:30	[53] Confinement effects on the Slow Arrhenius Processes (SAP) observed in polymer melts	NAPOLITANO, Simone
14:00	[8] Are strongly confined colloids good models for two dimensional liquids?	TIAN, Jiting
14:20	[11] Magnetic Colloids Adsorbed At Fluid Interfaces Acting As Interfacial Swimmers And Colloid Adsorption Probes	Dr MARTÍNEZ-PEDRERO, Fernando
14:40	[6] The ω^3 scaling of the vibrational density of states in quasi-2D nanoconfined solids	YU, Yuanxi

Talks (16:00 - 17:00)

time	[id] title	presenter
16:00	[13] Confinement due to crowding in biological cells	PETERS, Judith
16:20	[16] Factors governing ferroelectric ordering of water molecules confined in beryl	Dr KADLEC, Filip
16:40	[12] Interplay Between Local Structure and Nuclear Dynamics in Tungstic Acid: a Neutron Scattering Study	Dr MATTHEW, Krzystyniak

Talks (17:30 - 18:30)

time	[id] title	presenter
17:30	[38] Spectroscopy of C60 Endofullerenes	Dr BACANU, George
17:50	[14] Dynamics in Confinement: a study of CH ₄ @C60	AOUANE, Mohamed
18:10	[44] Does Confinement Enable Methane Hydrate Growth at Low Pressures? Insights from Molecular Dynamics Simulations	YU, Kai Bin