

## Monday 4 March

from 11:00	<b>Registration</b> at ESRF Central Building Entrance Hall <b>Poster installation</b> at Science Building 2 <sup>nd</sup> Floor
12:00 – 13:30	<b>Lunch</b> at Common Restaurant

### Opening – ESRF Auditorium

13:45 – 13:55	General ESRF introduction	<b>Michael KRISCH</b> ESRF, France
13:55 – 14:05	General ILL introduction	<b>Jacques JESTIN</b> ILL, France
14:05 – 14:15	PSCM introduction	<b>Leonardo CHIAPPISI</b> ILL, France & <b>Diego PONTONI</b> ESRF, France

### Session 1 - Chair: Michael KRISCH

14:15 – 14:55	Soft and responsive: exploring the structure and dynamics of microgels	<b>Roberta ANGELINI</b> CNR, Italy
14:55 – 15:20	Mixed, stirred or shaken: The nanoscale structure of ionic liquid cocktails	<b>Moshe DEUTSCH</b> Bar-Ilan University, Israel

**15:20** Coffee break (Group photo – ESRF Entrance hall)

### Session 2 - Chair: Jacques JESTIN

15:40 – 16:20	Scanning Small Angle X-Ray Scattering for Cell Imaging	<b>Sarah KÖSTER</b> University of Göttingen, Germany
16:20 – 16:45	Solvent extraction in the spent nuclear fuel field: correlation between interfacial structure and kinetic of ion transfer at the liquid/liquid interface	<b>Olivier DIAT</b> ICSM, CEA, France
16:45 – 17:05	Investigation of aqueous foam from pea-based albumins using small-angle neutron scattering	<b>Ruifen LI</b> Aarhus University, Denmark

### Free Open Discussion

17:05 – 18:00  
**Moderators:** Leonardo Chiappisi, Diego Pontoni  
**Available for discussion:** Jacques Jestin, Michael Krisch, Ralf Schweins, Oleg Kononov

**18:30** POSTER SESSION with Wine & Cheese - SCIENCE BUILDING 2<sup>nd</sup> FLOOR

## Tuesday 5 March – ESRF Auditorium

Session 3 - Chair: Sarah KÖSTER		
9:00 – 09:40	Liquid crystal science at the ESRF: from bulk structural properties to thin film ordering	<b>Francesco VITA</b> Università Politecnica delle Marche, Italy
9:40 – 10:05	X-ray diffraction identification of smectic layer distortion in thin films	<b>Emmanuelle LACAZE</b> CNRS UPMC, France
10:05 – 10:25	Investigation of ganglioside GM3 in model membranes for cancer therapy	<b>Caterina RICCI</b> University of Milan, Italy
<b>10:25</b>	Coffee break	
Session 4 - Chair: Roberta ANGELINI		
10:40 – 11:20	Uncommon Phase Behaviour and Structures Induced by Addition of Cosurfactant to Nonionic Micelles – Cylindrical Assembly of Small Micelles	<b>Michael GRADZIELSKI</b> Technische. Univ. Berlin, Germany
11:20 – 11:45	Microtube self-assembly leads to conformational freezing point depression	<b>Jasper LANDMAN</b> Wageningen University, The Netherlands
11:45 – 12:05	Aging of a natural colloidal gel investigated by time-resolved mechanical spectroscopy	<b>Thomas GIBAUD</b> ENS de Lyon, France
12:05 – 12:25	Polyethylene glycol-based polymer bottlebrushes: Synthesis, stability and anti-fouling properties	<b>Larissa DOS SANTOS</b> ILL, France
<b>12:25 – 13:30</b>	Lunch	
Session 5 - Chair: Oriano FRANCESCANGELI		
13:30 – 14:10	Insight on the myoglobin interaction with lipid bilayers within sponge phases using polarized neutron reflectometry	<b>Tommy NYLANDER</b> Lund University, Sweden
14:10 – 14:35	Electrostatic interaction between lipid layers: beyond Poisson-Boltzmann theory	<b>Thierry CHARITAT</b> CNRS, France
14:35 – 14:55	Spontaneous formation of a cushioned lipid membrane? What we have learned	<b>Amanda ERIKSSON SKOG</b> Lund University, Sweden
14:55 – 15:15	Orthotropic organization of a cellulose nanocrystal suspension realized via the combined action of frontal ultrafiltration and ultrasound as revealed by in situ SAXS, SALS and dichroism.	<b>Frederic PIGNON</b> Univ. Grenoble Alpes, France
<b>15:15</b>	Coffee break	
Session 6 - Chair: Michael GRADZIELSKI		
15:30 – 15:50	Salt-induced temperature dependent liquid-liquid phase separations in protein solutions	<b>Christian BECK</b> Univ. Tübingen, Germany
15:50 – 16:10	Polypeptide/surfactant films: three-dimensional structure control	<b>Javier CARRASCOSA</b> ILL, France
16:10 – 16:30	Structure and dynamics of protein-nanoplastic complexes	<b>Stefano DA VELA</b> Alfred-Wegener-Inst. Bremerhaven, Germany
16:30 – 16:50	Multi-scale diffusion in therapeutic monoclonal antibody solutions	<b>Ilaria MOSCA</b> ILL, France
<b>16:50 – 20:00</b>	Free Time / PSCM Lab visits upon request	
<b>20:00</b>	Social Dinner in town with “one feedback per table” game	

## Wednesday 6 March – ESRF Auditorium

Session 7 - Chair: Tommy NYLANDER		
9:00 - 9:20	NR determination of the structural profile of asymmetric myelin membranes and their interaction mechanism with Myelin Basic Protein (MBP)	<b>Julio Martin PUSTERLA</b> Forschungszentr. Jülich, Germany
9:20 – 9:40	Simultaneous Interfacial Rheology and Neutron Reflectometry studies of interfacial films	<b>Pablo SANCHEZ PUGA</b> ILL, France
9:40 – 10:00	Between tribology and soft matter: understanding the fundamentals of Organic Friction Modifiers behaviour	<b>Inga KICIOR</b> ESRF, France
10:00 – 10:20	Structural changes in lipid monolayers induced by synapsin and vesicles investigated using X-ray reflectivity and GID	<b>Titus CZAJKA</b> University of Göttingen, Germany
<b>10:20</b>	<b>Coffee break</b>	
Session 8 - Chair: Moshe DEUTSCH		
10:40 – 11:00	Structural and thermodynamic variations occurring during protein denaturation	<b>Judith PETERS</b> UGA + ILL, France
11:00 – 11:20	Unfolding and refolding of Albumin induced by a time-programmable dissipative pH-jump	<b>Alessandra DEL GIUDICE</b> Università di Roma La Sapienza, Italy
11:20 – 11:40	Phase behaviour of cotton-derived cellulose nanocrystal suspensions in water and in the presence of salts	<b>Vladimir GRACHEV</b> KU Leuven, Belgium
11:40 – 12:00	New Insights on the Molecular Structure of Tear Film Lipids Revealed by Surface X-ray Scattering	<b>Ryan TREVORAH</b> University of Helsinki, Finland
<b>12:00 – 12:30</b>	<b>Wrap-up</b> Summary of discussions and conclusions	<b>Leonardo CHIAPPISI</b> & <b>Diego PONTONI</b>
<b>12:30 – 13:30</b>	<b>Lunch and departure</b>	