



Wednesday 6th July 2022

ESRF Auditorium

09:30	13:30	Registration in the ESRF entrance hall	
10:00	12:00	<i>Optional tours ILL and arrival</i>	
12:00	13:30	<i>Lunch - ESRF/ILL restaurant</i>	
13:45	14:00	Welcome	Annalisa Pastore , ESRF Director of Research Jacques Jestin , ILL Head of Science Division Hervé Courtois , UGA Vice President of Research
14:00	15:00	Keynote talks from industrial supervisors <i>Chaired by Patrick Bruno & Peter Fouquet</i>	
14:00	14:30	Structural investigation of lipid nanoparticles is key for successful mRNA delivery	Marianna Yanez Arteta Astra Zeneca
14:30	15:00	Surfactants and polymers active at interfaces: Examples of industrial colloid & interface science	Joachim Venzmer , Evonik R&D
15:00	15:30	<i>Break amidst student posters and group photo</i>	
15:30	16:30	Future casting: "Imagining X-ray and neutron enabled science in 2050" Short presentations 3 x 10min + roundtable blue sky discussion <i>Chaired by Caroline Boudou & Ed Mitchell</i>	Sakura Pascarelli , EU-XFEL Director of Science Andreas Meyer , ILL Director of Projects and Techniques Division Annalisa Pastore , ESRF Director of Research
16:30	17:40	Student clips session (InnovaXN first wave students) <i>Chaired by Henry Fischer & Montserrat Soler-Lopez</i>	
16:30	16:35	Formation of liposomes: Shining light (and neutrons and X-rays) to an industrially relevant process	Fernanda Alvarado Galindo
16:35	16:40	Lead formates: from model to historical paints	Ida Fazlic
16:40	16:45	Zirconium substitution in Ni-rich NMC layered cathode material for high-energy lithium-ion batteries	Mattia Colalongo
16:45	16:50	Revealing additive manufacturing's laser-matter interactions	Maureen Fitzpatrick
16:50	16:55	Damage evolution during thermo-mechanical processing in thick aerospace aluminium plates	Anthony Harrup Gutierrez
16:55	17:00	Monitoring the SO ₂ poisoning of Cu-CHA deNO _x catalysts by X-ray absorption spectroscopy	Anastasia Molokova
17:00	17:05	Locating dye with neutrons	Wenke Mueller
17:05	17:10	Structural basis of human melanogenic enzymes	Yi Min NG
17:10	17:15	Two issues with advanced catalysts for hydrogen fuel cells and how ESRF comes to play	Michal Ronovsky
17:15	17:20	In situ spectroscopy of emission control catalysts with tender X-rays	Alexander Suarez Orduz
17:20	17:25	Model membrane studies of nucleic acid delivery for developing new effective drug delivery vehicles	Samuel Winnall
17:25	17:30	Understanding molecular interactions at the hair surface – a cosmetic perspective	Serena Cozzolino
17:30	17:35	Temperature detection during operando studies of commercial cell at ID15A	Isabella Mombri
17:35	17:40	Cavity formation in highly strained silica-filled rubbers observed by ultra small-angle X-ray scattering	Ilya Yakovlev
17:45	19:00	Posters & apero	All InnovaXN students
19:00	21:30	Informal networking and picnic dinner on site	



Thursday 7th July 2022

ESRF Auditorium

08:30	09:00	<i>Early bird coffee</i>	
09:00	10:00	Keynote talks from industrial supervisors <i>Chaired by Gary Admans & Mark Johnson</i>	
09:00	09:30	Protein structuring within meat analogues and the application of scattering	Lisa Zychowski, Planted
09:30	10:00	<i>TBA</i>	Helena Kaper, Saint Gobain
10:00	11:00	ESRF and ILL student alumni working in enterprises: "Moving out from research infrastructures" <i>Chaired by Gary Admans & Mark Johnson</i>	
10:00	10:30	From biochemistry to batteries, perspectives of an innovation lead	Jennifer Channel, UK Research & Innovation
10:30	11:00	From methyl group tunneling to industrial crystal structure prediction: science, drama and some insights	Marcus Neumann, Avant Garde Materials Simulation (AMS)
11:00	11:30	<i>Break amidst student posters</i>	
11:30	12:15	Participative discussion: "How is InnovaXN meeting your needs? What can the InnovaXN partners take away from the programme? What would be the expectations for a future version of InnovaXN?" <i>Chaired by Caroline Boudou & Ed Michell</i>	Breakout groups led by InnovaXN students, supervisors, ESRF/ILL/UGA
12:15	12:30	Closing remarks	Annalisa Pastore, ESRF Director of Research Jacques Jestin, Head of Science Division
12:30	13:30	<i>Lunch</i>	
14:00	16:00	<i>Optional tours of ESRF/ILL and departure</i>	