



Advanced Methods for Ambient Crystallography at ESRF-EBS

Monday 20th November 2023

18:00 - 19:00	Welcome reception with wine and cheese at the ESRF chalet
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Tuesday 21st November 2023 - ESRF Auditorium

08:50 - 09:00	Welcoming remarks	Michael Krisch (ESRF Director of Research)
09:00 - 09:30	Introduction RT crystallography	Robert Thorne (Cornell)
09:30 - 10:00	Sampling protein conformational landscapes for ligand discovery	Marcus Fischer (St Jude)
10:00 - 10:30	<i>Coffee Break in the ESRF entrance hall</i>	
10:30 - 11:00	X-ray crystallography of protein tyrosine phosphatases at elevated temperatures	Daniel Keedy (CUNY)
11:00 - 11:30	New tools and remote access to ambient and elevated temperature data collection	Silvia Russi (SSRL)
11:30 - 12:00	Probing ligand binding by 'temperature-resolved' macromolecular crystallography	Chia-Ying Huang (PSI)
12:00 - 12:30	Radiation damage models and data collection strategies	Sasha Popov (ESRF)
12:30 - 14:00	<i>Lunch in the EMBL/ILL hall</i>	
14:00 - 14:30	ID29	Julien Orleans (ESRF)
14:30 - 15:00	MASSIF-1	Serena Rocchio (EMBL-GR) Nicolas Foos (EMBL-GR)
15:00 - 15:30	<i>Coffee Break in the ESRF entrance hall</i>	
15:30 - 16:00	Radiation damage in data processing	Clemens Vohreim (GPL)
16:00 - 16:30	Data processing of SSX data	Nicolas Coquelle (IBS)
16:30 - 18:15	Clips - Projects from participants	
18:15 - 19:15	Round table	
19:30	<i>Dinner at the Bouillon A restaurant</i>	

Wednesday 22nd November 2023 - MASSIF-1 and ID29	
09:00 - 12:00	Practical on MASSIF-1 / Group A
09:00 - 12:00	Practical on ID29 / Group B
10:30 - 11:00	<i>Coffee Break in the ESRF entrance hall</i>
12:00 - 13:30	<i>Lunch in the EMBL/ILL hall</i>
13:30 - 16:30	Practical on MASSIF-1 / Group B
13:30 - 16:30	Practical on ID29 / Group A
16:30 - 17:00	<i>Coffee Break in the ESRF entrance hall</i>
17:00 - 18:00	Brainstorming - Q&A session
18:00 - 19:00	Social time
19:00	<i>Workshop Dinner in the O2 restaurant at La Bastille</i>

Thursday 23rd November 2023 - MD-1-21	
08:30 - 10:30	Practical on RT Data processing Group A+B
10:30 - 11:00	<i>Coffee Break in the MD-1-21 meeting room</i>
11:00 - 13:00	Practical on SSX Data processing Group A+B
13:00 - 14:00	<i>Lunch in the EMBL/ILL hall</i>
14:00	End of the course

