USER MEETING 2021 - TUTORIALS

Monday 8 February 2021

	TUTORIAL TITLE	ORGANISERS	TIME		MAX. PARTICIPANTS	EQUIPMENT REQUIRED / INSTRUCTIONS FOR PARTICIPANTS
T1	BAG Meeting	D. Flot G. Leonard C. Mueller-Dieckmann D. Davison	8:30 - 12:30		no limit	
T2	Strucutral Biology tutorials	D. De Sanctis G. Santoni	13:30 - 15:00	Remote data collection with EXI and MXCuBE3	no limit	
		D. Nurizzo M. Bowler	15:00 - 16:30	Getting the best out of MASSIF-1 and workflows at the ESRF	no limit	
T3	Volume image analysis	A. Rack	9:00 - 17:00		30	Participants are asked to add their data sets accessible online, to be able to do the hands session on with their data.
T4	Statistical analysis	V. A. Sole Jover	14:00 - 16:00		no limit	
T5	Communication, how to promote your research	D. Chenevier	14:00 - 15:15		no limit	
T6	Laue microdiffraction	J.S. Micha	9:00 - 12:00		no limit	Participants must install the lauetools software on their personal computer before the tutorial. Instructions will be sent a few days before event.
T7	Data reduction tools for scattering experiments	J. Kieffer	9:00 - 12:00	Introduction to pyFAI and hands-on to calibrate a SAXS and WAXS experiment together with data reduction for a diffraction mapping experiment	20	Participants are required to install the software and download the training material before the start of the training. The complete procedure will be given early 2021.
			13:30 - 16:30	Advanced tutorial using Jupyter: calibration of a goniometer and associated data reductions	10	The training in the afternoon session will use jupyter notebooks. A basic knowledge of this tool and of the Python programming language will be mandatory.
T8	XAS data analysis	K. Lomachenko	9:00 - 12:00	Introduction to XAS: The Whys, The Whats and The Hows	no limit	
		Y. Joly	13:30 - 16:30 *Parallel sessions*	1. Ab initio simulation of X-ray absorption spectroscopies using FDMNES	10	Participants must have a software for plotting (Origin, Keleidagraph... NOT Excel).
		F. d'Acapito		2. Introduction to the analysis of EXAFS data	no limit	Participants must use a proper computer with the the programs of the ATHENA/ARTEMIS suite installed, and download the analysis codes at the address: http://bruceravel.github.io/demeter/
T9	XPCS: X-ray Photon Correlation Spectroscopy	F. Zontone Y. Chushkin B. Ruta	10:00 - 12:00		25	