



Introduction à l'utilisation de McXtrace pour la modélisation des lignes et des échantillons



Bâtiment T5, 1^{er} étage, Salle T5.1.55

Programme

	Tuesday, December 3 rd , 2019		Wednesday, December 4 th , 2019
09:00 - 10:30	Introduction to McXtrace Principle, description file (syntax), tools (running, plotting, multi-CPU), ... Installation - Getting help Contributing: beamline descriptions -components	09:00 - 10:30	Practicals: Optics
10:30 - 10:45	<i>Coffee break</i>	10:30 - 10:45	<i>Coffee break</i>
10:45 - 12:00	Main "components": description and examples (with code snippets/examples) sources - optics - samples -detectors/monitors - other	10:45 - 12:00	Practicals: Monitors/Detectors
12:00 - 14:00	<i>Lunch</i>	12:00 - 14:00	<i>Lunch</i>
14:00 - 16:00	Practicals: your first McXtrace beamline description file - running – plotting (beam-line, results) – data files	14:00 - 16:00	Practicals: Virtual experiments -setting up. Diffraction, small angle
16:00 - 16:15	<i>Coffee break</i>	16:00 - 16:15	<i>Coffee break</i>
16:15 - 18:00	Practicals: Photon sources – coupling to external software	16:15 - 18:00	Practicals: Virtual experiments -using (scan, optimisation, ...)

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