

# McXtrace School 2022

09-11 mars 2022  
Synchrotron SOLEIL  
L'Orme des Merisiers, Saint-Aubin, France

## Programme

### March 9, 2022

- 11:00 – 12:00 Computer configurations: bring your laptop !  
*Emmanuel FARHI (SOLEIL)*
- 12:00 – 14:00 *Lunch at SOLEIL restaurant*
- 14:00 – 15:30 Lesson: Introduction to McXtrace  
*Peter Willendrup (DTU) / Emmanuel FARHI (SOLEIL)*
- 15:30 – 15:45 *Break*
- 15:45 – 17:00 Practicals: your first McXtrace beamline  
*Peter Willendrup (DTU)*

### March 10, 2022

- 09:00 – 10:30 Lesson: Main "components"  
*Peter Willendrup (DTU)*
- 10:30 – 10:50 *Break*
- 10:50 – 12:00 Practicals: Photon sources
- 12:00 – 14:00 *Lunch at SOLEIL restaurant*
- 14:00 – 15:30 Practicals: Optics
- 15:30 – 15:45 *Break*
- 15:45 – 17:00 Practicals: Monitors/Detectors
- 19:00 *Dîner at La Petite Forge Restaurant, Villiers-le-Bâcle*

### March 11, 2022

- 09:00 – 10:30 Practicals: Virtual experiments 1: diffraction / saxs samples
- 10:30 – 10:45 *Break*
- 10:45 – 12:00 Practicals: Virtual experiments: absorption spectroscopy sample
- 12:00 – 14:00 *Lunch at SOLEIL restaurant*
- 14:00 – 17:00 Anarchy slot: create your own stuff