

CrystElec 2025

Ecole de Cristallographie Electronique



17-21 Nov. 2025
Villeneuve d'Ascq
(Nord, France)
Institut Chevreul
University of Lille

The fourth Crystelec School will be held in Lille from 17 to 21 November 2025.

The school focuses on the determination at the nanometric scale of structures and microstructures by electron diffraction in a TEM. It covers recent developments associated with the use of advanced data acquisition and analysis techniques such as precession electron diffraction tomography (PEDT), dynamical refinement, phase and orientation mapping in 4D-STEM. Convergent beam symmetry analysis methods will also be presented.

Public: PhD students, researchers, engineers. 12-20 people max. Basic knowledge of electron microscopy and/or structural analysis by X-ray diffraction is required.

Practical organisation: Lectures during the morning, practical sessions in ½ groups at the MET and tutorials during the afternoon. Classes will be given in English.

Fees: €440, including lunch.

Pre-registration: send an email to damien.jacob@univ-lille.fr. Registrations will close in May 2025.

Organising Committee: P. Boullay, CRISMAT; D. Jacob (resp.), UMET; P. Roussel, UCCS, Edgar Rauch, SIMAP, Muriel Veron, SIMAP

Speakers: Ahmed Addad, UMET; P. Boullay, CRISMAT; D. Jacob, UMET; M. Marinova, Institut Chevreul, ; L. Palatinus, Inst. of Physics, Prague; E. Rauch, SIMAP; P. Roussel, UCCS; M. Véron, SIMAP.

