Workshop « JANA 2020 »

From Tuesday 19th to Thursday 21st of May 2026
CRM2
Faculté des Sciences et Technologies, room 301, Nancy

Tuesday 19th May 2026

09:00 Opening (**Elodie**)

09:10 Lecture: Introduction to Jana2020 (**Morgane Poupon**)

10:30 installation of programs

10:35 Example 1.1 (Zn - simple structure from single crystal data)
Example 1.2 (Fe-MolMag – simple molecule magnet with high GOF)

12:30 Lunch

13:30 Lecture: Powder structures (**Morgane Poupon**)

14:15 Example 2.1.1 (PbSO4 – simple inorganic structure)
Example 2.4 (PFPhenyl – refinement with constrained geometry)
Example 2.5.1 (Twoph - multiphase powder data)

18:00 End

Wednesday 20th May 2026

09:00 Lecture: Twinned structure (**Morgane Poupon**)

09:45 Example 3.2 (PyNinit – Twinned structure with partial overlaps of diffraction spots)
Example 3.3.1 (CsLiSO4 – Structure with pseudo-merohedric 3-fold twinning)
Example 3.1 (AD3 - pseudomerohedric twin)

12:30 Lunch

13:30 Lecture: Disordered structure (**Morgane Poupon**)

14:15 Example 8.4 (Boroncage – disordered structure model with molecules)
Example 4.1 (PtCu – disordered structure)
Example 4.2 (NaNiFe – Structure with mixed sites)

18:00 End

Thurday 21st May 2026

09:00 Lecture: Modulated structures (**Morgane Poupon**)

09:45 Example 5.2 (Na2CO3 – Simple incommensurately modulated structure from single crystal data)
Example 5.1 (YPO – Simple modulated structure with crenel)
Example 5.4 (JanaIndex Tools – JanaIndex Tools)

11:50 Workshop photo

12:00 Lunch

13:15 Have a stubborn structure? Bring your problematic data and questions to our open discussion session—let's solve them together! 😉 .

18:00 End of the workshop.

Workshop organized as an event of the interdisciplinary MAT-PULSE program (*Materials and Physics @ Ultimate Scale: Nanotech for a sustainable digital world)*