

53rd Ad Hoc Workshop on the basics of Jana2020

Workshop program

Thursday 5 March 2026

09:00 Opening (Michal Dušek)

Lecture: Introduction to Jana2020 (Michal Dušek)

10:00 Example 1.1 (Zn - simple structure from single crystal data)

Example 3.1 (AD3 - pseudomerohedric twin)

Example 4.1 (PtCu – disordered structure)

12:30 **Lunch**

13:30 **Lecture: Modulated structures (Václav Petříček)**

14:15 Example 5.2 (Na₂CO₃ – incommensurately modulated structure)

Example 7.6 (Na₂CO₃Comm – commensurately modulated structure)

18:00 End

Friday 6 March 2026

09:00 **Lecture: Powder structures (Jan Rohlíček)**

09:45 Example 2.1.1 (PbSO₄ – simple inorganic structure)

Example 2.4 (PFPhenyl – refinement with constrained geometry)

Example 2.5.1 (Twoph - multiphase powder data)

12:00 **Lunch**

13:00 **Workshop photo** in front of the building A

13:15 **Lecture: Magnetic structures (Margarida Henriques)**

14:00 Example 12.9 (NiTe₂O₅ – simple antiferromagnetic structure from single-crystal data)

Example 12.7 (DyMn₆Ge₆ – incommensurate magnetic structure)

18:00 End

Workshop repository

<https://jana.fzu.cz/repo/w053> BAS

password wjana53

The files will be completed on Wednesday, 5 March, in the evening.