

Workshop program

Tuesday 6 December

- 09:00 Opening (Michal Dušek)
- 09:10 Lecture: Introduction to Jana2006 (Michal Dušek)
- 09:40 Introduction to Examples 1.1, 3.1 and 3.2 (Karla Fejfarová)
- 09:50 Distribution of flash disks + installation of programs
- 10:00 Coffee break
- 10:15 Example 1.1 (Zn - simple structure from single crystal data)
Example 3.1 (AD3 - pseudomerohedric twin)
Example 3.2 (PyNinit - handling twin overlaps)
- 12:30 Lunch
- 13:30 Lecture: Powder refinement with Jana2006 (Václav Petříček)
- 14:00 Introduction to examples 2.1 and 2.2 (Václav Petříček)
- 14:10 Example 2.1 (PbSO₄ - simple structure from powder data)
- 15:00 Coffee break
- 15:15 Example 2.1 (continued)
Example 2.2 (Y₂O₃ – profile asymmetry in powder data)
- 18:00 End

Wednesday 7 December

- 09:00 Lecture: Introduction to modulated structures (Václav Petříček)
- 09:30 Introduction to Examples 5.2, 5.3 (Michal Dušek)
- 09:40 Example 5.2 (Na₂CO₃ – simple modulated structure from single crystal data)
- 10:00 Coffee break
- 10:15 Example 5.2 (continued)
Example 5.3 (CrPO - incommensurately modulated structure with crenel functions from single crystal data)
- 12:30 Lunch
- 13:15 **Workshop photo** in front of the building A
- 13:30 Example 5.3 (continued)
- 14:30 Lecture: Charge flipping (Lukas Palatinus)
- 15:00 Coffee break
- 15:15 Charge flipping examples: 9.1, 9.2, 9.3
- 16:00 Example 6.1 (KSm – modulated structure from powder data)
- 18:00 End of workshop