

# Workshop program

## Thursday 24 April

- 09:00 Opening (Michal Dušek)
- 09:10 Lecture: Introduction to Jana2006 (Michal Dušek)
- 09:30 Introduction to Examples (Michal Dušek)
- 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 3.3 (CsLiSO<sub>4</sub> - pseudomerohedric 3-fold twin)
- 12:30 Lunch
- 13:30 Example 3.2 (PyNinit – handling twin overlaps)
- 15:00 Coffee break
- 15:15 Example 4.1 (PtCu - disorder described with split atomic positions)
- 18:00 End

## Friday 25 April

- 09:00 Lecture: Introduction to modulated structures (Václav Petříček)
- 09:30 Introduction to Jana2006 - continued (Michal Dušek)  
Introduction to Examples (Michal Dušek)
- 09:50 Example 5.2 (Na<sub>2</sub>CO<sub>3</sub> – simple modulated structure from single crystal data)
- 10:00 Coffee break
- 10:15 Example 5.2 (continued)  
Example 5.1 (YPO - another simple modulated structure from single crystal data)
- 12:30 Lunch
- 13:15 **Workshop photo** in front of the building A
- 13:30 Lecture: Powder structures with Jana2006 (Jan Rohlíček)
- 14:00 Example 2.1 (PbSO<sub>4</sub> - simple structure from powder data)  
Example 2.2 (Y<sub>2</sub>O<sub>3</sub> – powder data with strong asymmetry)
- 15:00 Coffee break  
Introduction to Example 2.4 – rigid body (Michal Dušek)
- 15:15 Example 2.4 (PFPhenyl – organometallic structure from powder data)
- 18:00 End of workshop