

# Workshop program

## Monday 27 June

- 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 (PbSO<sub>4</sub> - simple structure from powder data)
- 15:00 Coffee break
- 15:15 Example 2.1 (continued)  
Example 2.2 (Y<sub>2</sub>O<sub>3</sub> – profile asymmetry in powder data)
- 18:00 End

## Tuesday 28 June

- 09:00 Lecture: Introduction to modulated and composite structures (Václav Petříček)
- 09:30 Introduction to Examples 5.2, 6.1 (Michal Dušek)
- 09:40 Examples 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 6.1 (KSm – modulated structure from powder data)
- 12:30 Lunch
- 13:15 **Workshop photo** in front of the building A
- 13:30 Lecture: Commensurate structures (Michal Dušek)
- 14:00 Introduction to Example 7.2 (Michal Dušek) and 11.1 (Karla Fejfarová)
- 14:20 Example 7.2 (CrPO<sub>com</sub> - commensurate structure from single crystal data)
- 15:00 Coffee break
- 15:15 Example 7.2 (continued)  
Example 11.1 (Bezcox - composite structure from single crystal data)
- 18:00 End of workshop