

Workshop program

Monday 28 April

- 09:00 Opening (Michal Dušek)
- 09:10 Lecture: Restrains, constrains, rigid body (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 8.2 (Dinitros - application of rigid body for disorder)
Example 8.1 (Terbut - application of rigid body for disorder)
Example 2.3.2, 2.3.3 (MagCag – rigid body in a powder structure)
- 12:30 Lunch
- 13:30 Lecture: Crenel functions (Václav Petříček)
- 14:00 Example 5.3 ($\text{Cr}_2\text{P}_2\text{O}_7$ - Incommensurately modulated structure with discontinuous functions)
- 15:00 Coffee break
- 15:15 Example 5.3 (continued)
Example 6.1 (KSm – modulated structure solved from powder data)
- 18:00 End

Tuesday 29 April

We start in building B at 9:30!!

- 09:30 Lecture: Commensurate structures (Michal Dušek)
- 10:00 Lecture: Composite structures, (3+2)d structures (Václav Petříček)
- 10:30 Introduction to Examples (Michal Dušek)
- 10:40 **Back to the building A**
Coffee break
Example 7.2 (CrPOcom – Solution of the low temperature commensurate phase of $\text{Cr}_2\text{P}_2\text{O}_7$)
Example 7.3 (PhenanTin - Commensurate and supercell description of a five-fold superstructure)
- 12:30 Lunch
- 13:15 **Workshop photo** in front of the building A
- 13:30 Example 7.3 (continued)
Example 5.5 (Melilite - Incommensurately modulated (3+2)-dimensional structure)
- 15:00 Coffee break
- 15:15 Example 11.1 (Bezcox – Composite structure)
- 18:00 End of workshop