

Workshop program

Thursday 18 October 2018

- 09:00 Opening (Michal Dušek)
- 09:10 Lecture: Introduction to Jana2006 (Michal Dušek)
- 09:30 Powder option in Jana2006 (Václav Petříček)
- 10:00 Distribution of flash disks + installation of programs
- 10:15 Coffee break
- 10:30 Example 1.1 (Zn - simple structure from single crystal data)
Example 2.1 (PbSO₄ – simple structure from powder data)
Example 2.2 (Y₂O₃ – correction for profile asymmetry)
- 12:30 Lunch
- 13:30 Lecture: Introduction to modulated structures (Václav Petříček)
- 14:15 Introduction to Examples (Michal Dušek)
- 14:35 Example 2.4 (PFPhenyl - application of geometry constraints))
Example 2.5 (Twoph – Example of multiphase powder refinement)
- 15:30 Coffee break
- 15:45 Example 6.1 (KSM - modulated structure solved from powder data)
or
Example 2.7 (17equ – simple organic structure from synchrotron powder data)
Example 2.6 (Ochlor – simple organic structure from Lab powder data)
- 18:00 End

Friday 19 October 2018

- 09:00 Lecture: Powder structure refinement and microstructure (Philippe Deniard)
- 09:50 Example 2.8 (LaPO₄ – determination of crystallites sizes)
- 10:00 Coffee break
- 10:15 Example 2.9 (MnWO₄ – determination of microstress using Stephens' formalism)
- 12:15 Lunch
- 13:20 **Workshop photo** in front of the building A
- 13:30 Introduction to Example 2.10 (Morgane Poupon)
- 13:15 Example 2.10 (CaTeO₃(H₂O) - Cyclic refinement)
- 15:00 Coffee break
- 15:15 Continue unfinished example
- 17:00 End of workshop