Workshop program

Thursday 15 October morning: introduction to Jana2006

09:00 Opening (Lukáš Palatinus)
09:10 Lecture: Introduction to Jana2006 (Michal Dušek)
09:30 Software: Installation of software used for the practical part of the workshop
        (Jana2006, PETS, VESTA, ImageJ)
10:00 Solution of example 1.1 - Simple single crystal structure and example 9.1 - Getting
        familiar with Superflip
11:15 Coffee break
11:30 Lecture: Data collection methods and techniques for structure analysis from electron
        diffraction data (Mariana Klementová)
12:30 Lunch

Thursday 15 October afternoon: data processing and kinematical refinement

13:30 Lecture: Data processing using the program PETS (Lukáš Palatinus)
14:30 Data processing for examples 13.1 – TTB and 13.2 - dehydrated kaňkite
15:15 Coffee break
15:30 Lecture: Structure solution and kinematical refinement (Lukáš Palatinus)
16:15 Examples 13.1 and 13.2 continued
18:00 End

Friday 16 October morning: dynamical refinement

09:00 Lecture: Dynamical structure refinement (Lukáš Palatinus)
10:00 Solution of example 13.5: dynamical refinement of Ni_2Si from PEDT data
11:00 Coffee Break
11:15 Solution of example 13.5 continued
12:30 Lunch + **workshop photo**

Friday 16 October afternoon: dynamical refinement continued

13:00 Solution of example 13.6: Dynamical structure refinement of orthopyroxene from
        PEDT electron diffraction data, dynamical refinement of the TTB structure from
        example 13.1, work on your own data sets, individual discussions…
18:00 End of workshop