

Workshop program

Thursday 14 November 2019

- 09:00 Opening (Michal Dušek)
- 09:10 Lecture: Determination of magnetic structures - why and for whom?
(Ondřej Šipr)
- 10:00 Coffee break
- 10:15 Lecture: Magnetic structures in Jana2006 (Margarida Henriques)
- 11:20 Distribution of flash disks and installation of programs
- 12:00 Lunch
- 13:00 Introduction to examples 12.1, 12.2, 12.6 (Václav Petříček)
- 13:15 Solution of examples 12.1, 12.2, 12.6
Simple antiferromagnetic structure with $k=0$
Commensurate magnetic structure with $k=(0,0,1/2)$
Jana2006-ISODISTORT communication
- 15:00 Coffee break
- 15:15 Solution of examples 12.1, 12.2, 12.6 (continued)
- 18:00 End

Friday 15 November 2019

- 09:00 Lecture: A short introduction to (magnetic) superspace (Václav Petříček)
- 09:30 Introduction to the Example 5.3 (Michal Dušek)
- 09:50 Coffee Break
- 10:00 Solution of the example 5.3.2 ($\text{Cr}_2\text{P}_2\text{O}_7$ – Solution of an incommensurately modulated structure with discontinuous functions)
- 12:00 Lunch
- 13:00 **Workshop Photo** (in front of the building A)
- 13:15 Introduction to example 12.7 (Margarida Henriques)
- 13:30 Solution of the Example 12.7 (Incommensurate magnetic structure, $k=(0,0,0.1651)$; $k=(0,0,0)$)
- 14:30 Coffee break
- 14:45 Solution of the Example 12.7 (continued)
Example 12.8 (Commensurate magnetic structure, $k=(0,0,0)$)
- 18:00 End of workshop