

Program for the 5th International School on Aperiodic Crystals

Time	Sunday 22 May	Monday 23 May	Tuesday 24 May	Wednesday 25 May	Thursday 26 May	Friday 27 May				
09:00-09:30		Lecture Introduction to aperiodic crystals, Marc de Boissieu	Lecture Modulation functions, Sander van Smaalen	Lecture Quasicrystals I Hiroyuki Takakura	Lecture Quasicrystals II Hiroyuki Takakura	Lecture Magnetic symmetry, Manuel Perez-Mato				
09:30-10:00										
10:00-10:30										
10:30-11:00			Coffee	Coffee	Coffee	Coffee	Coffee			
11:00-11:30			Lecture Superspace symmetry, Sander van Smaalen	Lecture Electron diffraction, Lukas Palatinus	Commercial presentations	Lecture Electronic structures of aperiodic crystals, Emilie Gaudry	Lecture Magnetic structures, Margarida Henriques			
11:30-12:00										
12:00-12:30										
12:30-13:00										
13:00-13:30			Lunch	Lunch	Lunch	Lunch	Lunch			
13:30-14:00										
14:00-14:30			Lecture Structure solution and refinement of modulated phases, Michal Dusek	Demonstration Modulated structure from electron diffraction data, Gwladys Steciuk	Excursion: St Barbara's Cathedral, Silver mines	Lecture Dynamics and phason mode in aperiodic crystals, Marc de Boissieu	Demonstration Magnetic structure from neutron powder data, Vaclav Petricek			
14:30-15:00										
15:00-15:30			Coffee	Coffee			Coffee	Closing		
15:30-16:00										
16:00-16:30	Registration	Tutorial Sodium carbonate: data processing, structure solution and refinement with Jana2020. Vaclav Petricek and Michal Dusek .	Questions & Answers	Participants: our research in 3 minutes	Tutorial Diffraction pattern, indexing and structure description of quasicrystals. Hiroyuki Takakura and Marc de Boissieu	By bus to Prague (Departure at 17:00, Arrival at Prague airport approx. at 18:30)				
16:30-17:00										
17:00-17:30							Tutorial $\text{Cr}_2\text{P}_2\text{O}_7$: data processing, structure solution and refinement with Jana2020. Application of crenel functions. Vaclav Petricek and Michal Dusek			
17:30-18:00										
18:00-18:30										
18:30-19:00										
19:00-19:30										
19:30-20:00										
20:00	Dinner	Dinner	Dinner	Gala Dinner	Dinner					