

7th Workshop on Structural Analysis of Aperiodic Crystals

17 – 20 March 2011

Laboratory of Crystallography of the University of Bayreuth

Program

Lectures and registration are on the 2nd floor (2. OG.) of the BGI building on the campus of the University of Bayreuth.

7th Workshop on Structural Analysis of Aperiodic Crystals

17 – 20 March 2011

at the Laboratory of Crystallography of the University of Bayreuth

Organized by the German Crystallographic Association (DGK)

Local organisation: Sander van Smaalen and Andreas Schönleber

E-mail: smash@uni-bayreuth.de

Address: Universitätsstrasse 30, 95440 Bayreuth, Germany

Phone: +49-921-55-3886

Secretary: +49-921-55-3881

Fax: +49-921-55-3770

Internet: <http://old.crystal.uni-bayreuth.de/ap-workshop2011/>

Thursday, 17 March 2011

Time		
14:00–18:00	<i>Registration</i>	
17:00–17:15	Opening	S. van Smaalen
17:15–18:00	From modulated compounds to quasicrystals—an introduction to aperiodic order	A. Schönleber
18:00–19:30	<i>Get together party in the BGI building</i>	

Friday, 18 March 2011

Time		
9:00–10:30	Reciprocal and direct superspace for incommensurately modulated structures	A. Schönleber
10:30–11:00	<i>Break</i>	
11:00–12:30	Superspace groups	S. van Smaalen
12:30–14:00	<i>Lunch in the Mensa</i>	
14:00–14:30	Introduction to JANA software	M. Dusek
14:30–18:00	Computer course	*
15:30–16:00	<i>Break</i>	

*V. Petricek, M. Dusek, A. Schönleber, L. Palatinus, O. Perez and S. van Smaalen.

Saturday, 19 March 2011

Time		
9:00–9:45	Diffraction by aperiodic crystals	M. Dusek
9:45–10:30	Structure solution by Charge Flipping	L. Palatinus
10:30–11:00	<i>Break</i>	
11:00–11:45	Modular compounds	O. Perez
11:45–12:30	A new option for magnetic structures in JANA2006	V. Petricek
12:30–14:00	<i>Lunch in the BGI building (Pizza) and poster session</i>	
14:00–15:00	Discussion of the problems in the script of the computer course	A. Schönleber
14:00–18:00	Computer course	*
15:30–16:00	<i>Break</i>	
19:00	<i>Conference Dinner: Herpichs Brasserie</i> Friedrichstrasse 10. Phone: 0921-22100	

*V. Petricek, M. Dusek, A. Schönleber, L. Palatinus, O. Perez and S. van Smaalen.

Sunday, 20 March 2011

Time		
9:00–9:45	Twinning	L. Palatinus
9:45–10:30	Atomic modulations by the maximum entropy method	S. van Smaalen
10:30–10:45	Closing remarks	S. van Smaalen
10:45–11:15	<i>Break</i>	
11:15–12:00	Discussion of the problems in the script of the computer course	A. Schönleber
11:15–14:00	Computer course	*
14:00	End of the Workshop	

*V. Petricek, M. Dusek, A. Schönleber, L. Palatinus, O. Perez and S. van Smaalen.

7th Workshop on Structural Analysis of Aperiodic Crystals

17 – 20 March 2011

Laboratory of Crystallography of the University of Bayreuth

Abstracts

