

9th Workshop on Structural Analysis of Aperiodic Crystals

23 – 26 March 2017

Laboratory of Crystallography of the University of Bayreuth

Program

Preliminary program as of February 7, 2017

subject to change

Lectures and registration are on the ground floor of building RW I, seminar rooms S57, S58 and S59, on the campus of the University of Bayreuth.

9th Workshop on Structural Analysis of Aperiodic Crystals

23 – 26 March 2017

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

Contact: Sander van Smaalen

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://aperiodic.uni-bayreuth.de/workshop_2017/

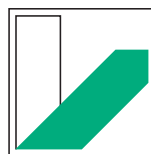
Venue

Building RW I – ground floor – rooms S57, S58, S59

on the campus of the University of Bayreuth, Universitätsstrasse 30, 95447 Bayreuth,
Germany.

Sponsored by the

German Crystallographic Association (DGK) and the University of Bayreuth.



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Thursday, 23 March 2017

Time		
15:00–18:00	<i>Registration</i>	
17:00–17:15	Opening	S. van Smaalen
17:15–18:00	Introduction to aperiodic order of matter	S. van Smaalen
18:00–19:30	<i>Get together</i>	

Friday, 24 March 2017

Time		
9:00–10:00	The superspace approach to incommensurately modulated structures	A. Schönleber
10:00–10:30	<i>Break</i>	
10:30–11:30	Superspace symmetry and superspace groups	S. van Smaalen
11:30–12:30	Methods of structure solution	L. Palatinus
12:30–13:30	<i>Lunch in the Mensa</i>	
13:30–14:00	Introduction to JANA software	V. Petricek
14:00–18:00	Structural analysis of modulated crystals with JANA2006	*
15:30–16:00	<i>Break</i>	

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

Saturday, 25 March 2017

Time		
9:00–10:30	Diffraction by aperiodic crystals	M. Dusek
10:30–11:00	<i>Break</i>	
11:00–11:45	Crystal chemical analysis (<i>t</i> -plots)	O. Pérez
11:45–12:30	Symmetry of modulated structures	A. Schönleber
12:30–13:15	<i>Lunch in the Mensa</i>	
13:15–14:00	<i>Poster session</i>	
14:00–15:00	Discussion of the problems in the script	A. Schönleber
14:00–18:00	Structural analysis of modulated crystals with JANA2006	*
15:30–16:00	<i>Break</i>	
19:00	<i>Conference Dinner</i>	

Sunday, 26 March 2017

Time		
9:00–10:00	Special modulation functions	V. Petricek
10:00–10:30	<i>Break</i>	
10:30–11:30	Modulated metal-organic-framework compounds	O. Pérez
11:30–12:00	<i>t</i> -Movies by MoleCoolQt	C. Hübschle
12:00–12:15	Closing remarks	S. van Smaalen
12:15–13:00	Discussion of the problems in the script	A. Schönleber
12:00–14:00	Structural analysis of modulated crystals with JANA2006	*
14:00	End of the Workshop	

*V. Petricek, M. Dusek, O. Pérez, A. Schönleber and S. van Smaalen.