“Klausurtagung Oberjoch 2023”
15.2. – 19.2.

The site of our annual meeting is the

Berghaus Kahlrückenalpe

a mountain lodge close to Sigiswang (Ofterschwang) at 1200 m above sea level in the midst of the very pleasant surroundings of the Bavarian Alps. The Berghaus provides full board and lodging and has convenient guest and seminar rooms. Further information can be found on their website at www.kahlrueckenalpe.de

For the time of the meeting we hope for decent weather conditions which permit hiking or skiing during the afternoons.

Address:

Berghaus Kahlrückenalpe
evangelisches Freizeitheim
87527 Sigiswang - Allgäu

Tel: 08321 89065

Travel and other issues

Shuttle (S) Tübingen → Sigiswang

- Departure: Wednesday 15.02.2023 13:00, Institut für Angewandte Physik in Tübingen
- Arrival: Wednesday 15.02.2023 16:00, car park 'Berghaus Kahlrückenalpe'

Shuttle (S) Sigiswang → Tübingen

- Departure: Sunday 19.02.2023 11:00, car park 'Berghaus Kahlrückenalpe'
- Arrival: Sunday 19.02.2023 14:00, Institut für Angewandte Physik in Tübingen

Remarks

- *Luggage transportation* to the lodge will be arranged for the group
- Depending on the weather conditions our cars may not use the road to the lodge. In that case an up-hill walk from from the parking area (45 min, 300 hm) to the lodge requires *decent footwear*.
- Don't forget to bring *bed linen, a towel* and suitable *indoor shoes* along.

Participants

Name		Title of the talk	Driver	Shuttle (S) / Train (T)	
				15.2.	19.2.
1	Banks, Hadra	From protein adsorption to crystallization			
2	Beck,Christian	Introduction to QENS and new analysis frameworks			
3	Buchholz, Cara	Effective interactions influencing HSA crystallization			
4	Chulanova, Elena	Pi-extended chalcogenadiazole: thin film properties and mixing behavior			
5	Dax, Ingrid	XPCS analysis of pixel growth simulation			
6	Eberle, Timo	Impact of bromide iodide ratio on the thin film structure of lead-halide perovskites			
7	Gerlach, Alexander	Organic heterostructures: Aspects of thin film growth and structure formation	x		
8	Hagara, Jakub	Binary mixtures - Instrumental setup			
9	Hausch, Julian	Exciton caging in singlet fission			
10	Hinderhofer, Alexander	Structural properties of lead-halide perovskites	x		
11	Hiremath, Anusha	Cluster formation in BSA solution in the presence of PEG and trivalent salt – studied by DLS			
12	Kneschaurek, Ekaterina	Compact sample environment for in situ X-ray scattering during spin-coating			
13	Lapkin, Dmitry	Coherent diffraction imaging of nanocrystal superlattices			
14	Mateo Minarro, Laura	Casein as a model intrinsically disordered protein			
15	Merten, Lena	Anomalous diffraction on mixed-halide perovskites		T	
16	Mosca, Ilaria	Dynamic cluster formation, viscosity and diffusion in monoclonal antibody solutions			
17	Munteanu, Valentin	Machine learning methods in surface scattering physics			
18	Oettel, Martin	Aspects of colloidal modelling of proteins		T	
19	Pastryk, Kai-Florian	Protein crystallization in confinement	x		
20	Pithan, Linus	Our route to FAIR data, the role of community data repositories and progress in DAPHNE		T	T

21	Pylypenko, Anastasiia	How to use the SciCat data catalog in our group			
22	Pylypenko, Anton	Characterization of pure DbSeQ thin films and their bilayers			
23	Ragulskaya, Anastasia	X-ray induced liquid-liquid phase separation			
24	Retzbach, Sebastian	Amyloid fibrillation studied with XPCS	x		
25	Scheffczyk, Niels	The influence of different anti-solvents on the formation of perovskite thin films	x		
26	Schreiber, Frank	Introduction and closing remarks	x		
27	Senft, Maximilian	Phase behavior of charged protein solutions induced by the depletion effect	x		
28	Starostin, Vladimir	Deep Learning for surface scattering data analysis			
29	Surfaro, Furio	Effect of repulsions and number of patches on the phase diagram: a colloidal approach to protein phase behaviour.	x		
30	Unger, Frederik	Does phase separation occur in binary blends of PEN and TET?			
31	Völter, Constantin	No talk scheduled			
32	Zaluzhnyy, Ivan	Scattering beyond the average: coherent diffraction			
33	Zimmermann, Paul	Principle of DRS and its use for the in-situ characterization of perovskites	x		
34					
35					
36					

Notes

- Coordinate your talk with your close colleagues, especially with the session head.
- Prepare at least two print-outs of your slides.
- Give a summary with finished and future aspects of your project

Scientific Program

Wed											*Chair: Niels.Scheffczyk*				
15.2.23										18.30-19.30	20 min	30 min	20 min	20 min	20 min
										Dinner	Frank Schreiber (Intro)	Alexander Gerlach	Elena Chulanova	Anton Pylypenko	Jakub Hagara
Thu		*Chair: Constantin Völter*									*Chair: Sebastian Retzbach*				
16.2.23	8.00-9.00	30 min	20 min		Coffee break	20 min	20 min	20 min		18.30-19.30	30 min	20 min	20 min	20 min	
	Break-fast	Alexander Hinderhofer	Ekaterina Kneschaurek			Niels Scheffczyk	Paul Zimmermann	Timo Eberle		Dinner	Vladimir Starostin	Valentin Munteanu	Linus Pithan	Anastasia Pylypenko	
Fri		*Chair: Elena Chulanova*									*Chair: Laura Minarro*				
17.2.23	8.00-9.00	20 min	20 min	20 min	Coffee break	30 min	20 min	20 min		18.30-19.30	30 min	20 min	20 min	20 min	
	Break-fast	Frederik Unger	Julian Hausch	Lena Merten		Ivan Zaluzhnyy	Ingrid Dax	Dmitry Lapkin		Dinner	Anastasia Ragulskaya	Sebastian Retzbach	Anusha Hiremath	Maximilian Senft	
Sat		*Chair: Hadra Banks*									*Chair:* Julian Hausch				
18.2.23	8.00-9.00	30 min	20 min	20 min	Coffee break	20 min	20 min			18.30-19.30	30 min	20 min	20 min		
	Break-fast	Martin Oettel	Furio Surfaro	Christian Beck		Laura Mateo Minarro	Ilaria Mosca			Dinner	Hadra Banks	Cara Buchholz	Kai-Florian Pastryk	Frank Schreiber (Closing)	