

Monday, 23.09.19

From 18:00 Arrivals at Hotel Glöcklhofer, Burghausen

19:30 Buffet supper in the hotel

Tuesday, 24.09.19

07:30 - 9:00 *Breakfast in Hotel Glöcklhofer*

09:15 *Shuttle service to Kloster Raitenhaslach from Hotel Glöcklhofer via Burghausen Station (arrivals from Munich at 09:20)*

09:30 – 10:00 Registration at TUM Science & Study Centre, Raitenhaslach

10:00 – 10:10 Opening words

10:05 – 11:00 Gero Friesecke: Crystallization and discrete differential geometry

11:00 - 11:30 *Coffee Break*

11:30 - 12:00 Mats Vermeeren: Discretization of contact Hamiltonian systems using Herglotz' variational principle

12:00 - 12:30 Olga Graf: Analog-to-digital conversion on a circle

12:30 – 14:30 *Lunch*

14:30 – 15:30 Ulrich Bauer & Oliver Junge: Identifying cycling motion using cohomology

15:30 – 16:00 Jan Techter: Incircular nets and mutually diagonal nets on quadrics

16:00 – 16:30 *Coffee Break*

16:30 – 18:00

- *Board meeting*
- *Work in groups*
- *Work on proposal*

18:30 - 20:00 *Dinner in the Klostergasthof, Raitenhaslach*

20:00 *Shuttle service from Raitenhaslach to Hotel Glöcklhofer*

Wednesday, 25.09.19

07:30 - 9:00 *Breakfast in Hotel Glöcklhofer*

09:10 *Shuttle service to Kloster Raitenhaslach from Hotel Glöcklhofer*

09:30 - 10:20 Albert Chern: Reflectionless boundary condition with discrete complex analysis

10:20 - 10:50 Arseniy Tsipenyuk: A gradient flow for phase retrieval whose time discretization is the error reduction algorithm

- 10:50 - 11:20 *Coffee Break*
- 11:20 - 11:50 **Hana Kourimska: A new discrete Gaussian curvature and discrete uniformization theorem**
- 11:50 - 12:20 **Michael Strobel: Non-standard analysis in dynamic projective geometry**
- 12:20 - 14:00 *Lunch*
- 14:00 - 14:30 **SFB General Assembly** (only for Professors and PostDocs)
- 14:30 – 15:00 **Information on the DFG Review for the 3rd DGD research period**
- 15:00 – 16:00 **Ulrich Pinkall: Discretizing fluids into filaments and sheets**
- 16:00 - 16:30 *Coffee Break*
- 16:30 - 17:00 **Abhishek Rathod: Fast and simple algorithms for minimum cycle basis and minimum homology basis**
- 17:00 - 18:30 **Work on proposal**
- 18:30 - 20:00 *Dinner in the Klostergasthof, Raitenhaslach*
- 20:00 *Shuttle service from Raitenhaslach to Hotel Glöcklhofer*

Thursday, 26.09.19

- 07:30 - 9:00 *Breakfast in Hotel Glöcklhofer*
- 09:10 *Shuttle service to Kloster Raitenhaslach from Hotel Glöcklhofer*
- 09:30 – 10:30 **Marco Cicalese & Barbara Zwicknagl: Project Presentation B11**
- 10:30 - 11:00 *Coffee Break*
- 11:00 - 11:50 **Carsten Lange: Presentation Project A03**
- 12:00 – 13:15 *Lunch*
- 13:15 *Departures for Burghausen train station*
- 14:00 – 18:30 **Work in groups with variable coffee breaks**
- 18:30 - 20:00 *Dinner in the Klostergasthof, Raitenhaslach*
- 20:00 *Shuttle service from Raitenhaslach to Hotel Glöcklhofer*

Friday, 27.09.19

- 07:30 - 9:00 *Breakfast in Hotel Glöcklhofer*
- 09:10 *Shuttle service to Kloster Raitenhaslach from Hotel Glöcklhofer*
- 09:30 – 12:00 **Work in groups with variable coffee breaks**
- 12:00 – 13:15 *Lunch in the Klostergasthof, Raitenhaslach*
- 13:15 *Departures for Burghausen train station*