

## Tuesday, 03.10.17

- Approx. 19:15 Shuttle service to Burghausen from Munich Airport for flight arrivals from Berlin
- Approx. 21:00 Arrivals at Hotel Glöcklhofer, Burghausen & light supper

## Wednesday, 04.10.17

- 07:30 - 9:00 *Breakfast in Hotel Glöcklhofer*
- 09:15 *Shuttle service to Kloster Raitenhaslach from Hotel Glöcklhofer*
- 09:25 *Shuttle service from Burghausen Station (Munich arrivals) to Kloster Raitenhaslach*
- 09:30 – 10:00 Registration**
- 10:05 – 11:00 Key Note Speaker**  
**Franz Pedit: Conformal flows minimizing the bending energy for curves and surfaces**
- 11:00 - 11:30 *Coffee Break*
- 11:30 - 12:00 Grzegorz Jablonski: Persistence in sampled dynamical systems**
- 12:00 - 12:30 Nada Sissouno: Compressed sensing and dynamical systems**
- 12:30 – 14:00 *Lunch followed by short guided tours of the Abbey*
- 14:45 – 18:15 Workshops & thematic discussion groups:**
- F. Krahmer: Analog-to-digital conversion as a dynamical system
  - U. Bauer & H. Edelsbrunner: Delaunay triangulations and circular nets
  - J. Richter-Gebert, M. Strobel & A. Montag: Workshop on CindyJS
  - Work in Groups
- Flexible Coffee breaks:**
- 16:00 – 16:45**
- 18:30 - 20:00 *Dinner in the Klostergasthof, Raitenhaslach*
- 20:00 Open scientific exchange / Board Meeting**
- 21:30 *Shuttle service from Raitenhaslach to Hotel Glöcklhofer*

## Thursday, 05.10.17

- 07:30 - 9:00 *Breakfast in Hotel Glöcklhofer*
- 09:00 *Shuttle service to Kloster Raitenhaslach from Hotel Glöcklhofer*
- 09:15 – 10:15 Key Note Speaker**  
**Stephan Tillmann: Computing trisections of 4-manifolds**
- 10:15 - 10:45 Arseniy Arkopyan: Two circles and only a straightedge**
- 10:45 - 11:15 *Coffee Break*

## Thursday, 05.10.17, continued

- 11:15 - 12:00**      **Boris Springborn: Discrete uniformization and hyperbolic polyhedra**
- 12:00 - 12:30**      **Michael Kraus: On the structure-preserving discretization of noncanonical Hamiltonian systems**
- 12:30 – 13:45*      *Lunch*
- 13:45**              **SFB General Assembly** (Professors and PostDocs)
- 14:30 – 18:00**      **Workshops & thematic discussion groups:**
- Flexible Coffee breaks:*
- 15:45 – 16:30**
- G. Kutyniok, S. Keiper & P. Petersen: Approximation with Deep Neuronal Networks
  - U. Pinkall & G. Friesecke: Geometry and Elasticity
  - R. Loewe & M. Radons: Polymake Workshop
  - Work in Groups
- 18:00 - 19:30*      *Dinner*
- 19:45*              *Shuttle to Burghausen Castle: Guided tours of the castle in German and English*

## Friday, 06.10.17

- 07:30 - 9:00*      *Breakfast in Hotel Glöcklhofer*
- 09:00*              *Shuttle service to Kloster Raitenhaslach from Hotel Glöcklhofer*
- 09:15 – 10:00**      **Johannes Wallner: Material-minimizing forms and structures**
- 10:00- 10:30**      **Albert Chern: Inside Fluids: Clebsch maps for Visualization and Processing**
- 10:30 - 11:00*      *Coffee Break*
- 11:00 - 11:45**      **Anton Nikitenko: A discrete topological approach to questions in stochastic geometry**
- 11:45 - 12:15**      **Sara Krause-Solberg: A tractable approach for one-bit compressed sensing on manifold**
- 12:15 – 13:45*      *Lunch*
- 13:45 – 16:30**      **Workshops & thematic discussion groups:**
- G. Kutyniok, S. Keiper & P. Petersen: Approximation with Deep Neuronal Networks
  - O. Junge & D. Karrasch: Dynamically induced geometric heat flows
  - U. Bücking & B. Springborn: Dimer models and discrete complex analysis
  - F. Kraemer & U. Bauer: Topological data analysis and signal processing
  - Work in Groups
- 16:30 – 17:00*      *Coffee and Snacks*
- 17:15**              **DEPARTURES:**  
*Transfers to Burghausen Station and Munich Airport*