

Dresden Summer School in Systems Biology



July 12-20, 2014

Brücke/Most Residence,
Dresden, Germany



Course focus: Spatiotemporal Modeling and Simulation of Biological Systems

Computational modeling and simulation are becoming indispensable to the life sciences. This summer school provides lectures and tutored hands-on training in computational methods for spatiotemporal modeling and simulation of biological systems. The school is intended for Master-level students with a background in computer science, physics, engineering, mathematics, or related areas. The participants will be introduced to powerful modeling and simulation methods, and have enough time and supporting tutors to implement and try all of the taught concepts and methods themselves. The course will consist of lectures in the mornings and tutored hands-on training in the afternoons, where participants work in small groups to solve a competitive challenge problem.

Lecturers:

Dr. Lutz Brusch (TU Dresden), Prof. Dr. Stephan Grill (TU Dresden), Dr. Ivo F. Sbalzarini (CSBD, MPI-CBG)

Venue:

The course is hosted in the stunning and inspiring historic Brücke/Most Residence in one of Dresden's most scenic districts directly at the river Elbe. On-site accommodation is available for all participants.

Registration and Fee:

Registration at www.sysbioschool-dresden.de is now open! Registration deadline is March 15, 2014. Registration fee (all-inclusive, full-board accommodation on site) is EUR 100 for Master students and EUR 500 for PhD students and postdocs. **15 travel stipends are available.**

