## LECTURERS:

Prof. Dr. Ivo Sbalzarini (MPI-CBG, CSBD, TUD)

Dr. Christoph Zechner (MPI-CBG, CSBD)

## SPEAKERS:

Prof. Dr. Stephan Grill (BIOTEC, TU Dresden)

Dr. Michael Hiller (MPI-CBG, MPI-PKS, CSBD)

Dr. Dora Tang (MPI-CBG)

Dr. Agnes Toth-Petroczy (MPI-CBG, CSBD)

Dr. Nadine Vastenhouw MPI-CBG)

# DRESDEN SUMMER SCHOOL

## VENUE:

Teaching & groupwork will take place in the new Center for Systems Biology Dresden, with its sleek design & state-of-the-art technology. Accommodations are provided at Mezcalero in Dresden Neustadt, in the heart of the city's nightlife scene.

## REGISTRATION & FEES:

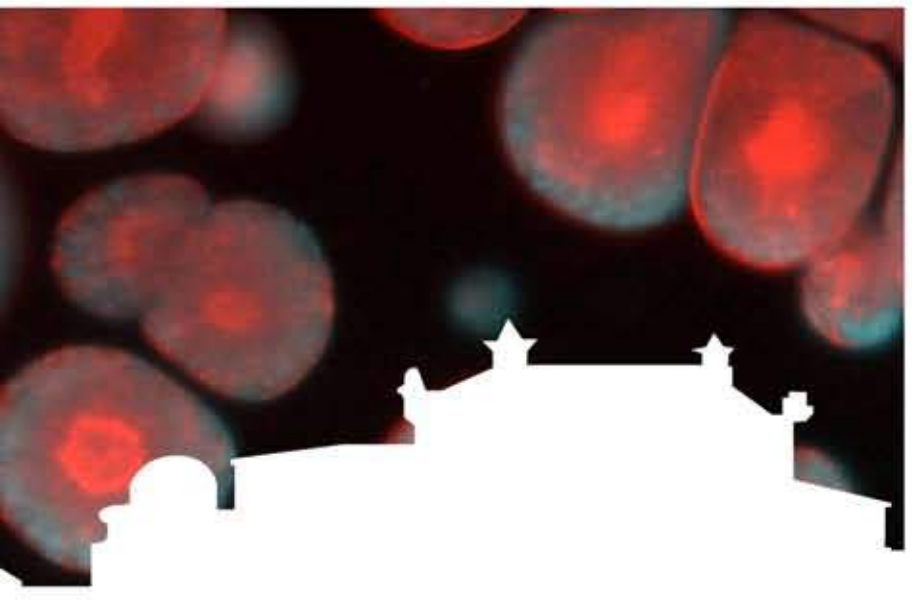
Apply online by **20 April 2018**:

**www.sysbioschool-dresden.de**

Accepted participants will be notified by 15 May 2018.

€100 for Master Students | €500 for PhD Students and Postdocs.

Fees include tuition, room & board. Travel stipends are available.



# SYSTEMS BIOLOGY

## FOCUS:

### SPATIOTEMPORAL MODELING & SIMULATION OF BIOLOGICAL SYSTEMS

Computational modeling and simulation are becoming indispensable to the life sciences. This summer school provides lectures and hands-on training in computational methods for spatio-temporal 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. Participants will be introduced to powerful modeling and simulation methods, and also be given enough time and tutorial support to put the taught concepts and methods into practice themselves. The course will consist of morning lectures and guided hands-on training in the afternoons, where participants work in small groups to solve a competitive challenge problem.

# 11-18 AUGUST 2018

IMPRS CELLDEVOSYS

center for systems biology dresden

CBG Max Planck Institute of Molecular Cell Biology and Genetics

mpi pks

TECHNISCHE UNIVERSITÄT DRESDEN

DRESDEN concept