

## 1st. Student School on Building Performance Simulation Applications

The school is part of the events of the Building Simulation Applications BSA2017 Conference, which will take place at the Free University of Bozen-Bolzano from February 8th to 10th 2017, and in particular of the special program for graduate and PhD Students.

### Preliminary program of the 1st Students School on Building Performance Simulation February 8th

10:00 - 11:00

Introduction to optimization and multi-objective optimization in building performance simulation and presentation of the case-study.

The case study will be based on an office building and focused on the design optimization of a facade, considering energy, economic and comfort goals.

11:00 - 13:00 & 14:00 - 16:00

Practice: parallel sessions about guided application of IDA ICE and IES VE to the analysis and optimization of the case study. Participant students will be divided into two groups and each building simulation code will be presented both in the morning and in the afternoon.

The comparison between the results of the optimizations with different building simulation codes will be discussed at the presence of the Students Tutoring Scientific Committee on February 10th afternoon at the beginning of the round table.

### Other events for students

Student competition:

Selected papers will be presented in a dedicated session and best papers will be awarded on February 10th.

Students Round Table session:

In the afternoon of February 10th, a round table will be organized with the aim of facilitating students to establish new contacts and collaborations. Participating students will be grouped according to their main research topics and invited to introduce each other, present their academic experience, main research topics and activities, as well as research methodologies and goals, in about 5-10 minutes each. Suggestions, comments and methods will be shared within each thematic group under the advice of the members of the Students Tutoring Scientific Committee.

Under the patronage of



And the support of

