

IBPSA-Italy and the Free University of Bozen-Bolzano, with the support of the Italian Acoustic Association (AIA) are pleased to announce the

**4<sup>th</sup> Building Simulation Applications Conference – BSA 2019**  
Bozen-Bolzano (South Tyrol, Italy) June, 19<sup>th</sup>-21<sup>st</sup> 2019.

For details and information, please:  
visit the website: <http://bsa.events.unibz.it/>  
contact us at: [bsa@unibz.it](mailto:bsa@unibz.it)

**Proceedings Indexing**

BSA2019 is a conference of the BSA Building Simulation Applications series. BSA2013, BSA2015 and BSA2017 proceedings are now indexed on Scopus.

**Special call**

**Special call for papers: “Acoustic Modelling”**

Contributions are welcome dealing with simulations of acoustic performance of buildings and their elements as well as room acoustics and indoor comfort of built environments. This includes:

- Building envelope components
- Service equipment and their elements
- Indoor comfort of occupants
- Room acoustic descriptors and auralization in special environments (schools, hospitals, offices, etc.)
- Annoyance influence on occupants performances

The intent is to produce a Special Issue in the journal *Building Acoustics* edited by *Francesco Asdrubali*, and *Marco Caniato* (guest). To this aim, selected papers presented for the special call for papers will be invited and undergo a full review process by the journal, after being extended and developed.

Please consider that there is no guarantee of publication and that the journal retains any rights of deciding if the Special Issue will or will not be published.

Papers not selected for the special call for papers can anyhow be accepted for the conference and appear in the proceedings.

**Special Session Workshop (19<sup>th</sup> June Afternoon):**

New trends in building acoustics numerical simulations

**By Marco Caniato, Paolo Bonfiglio**

- Theory of the propagation of the sound waves in solid and poroelastic media
- Models of building materials and their parameters
- Overview of analytical and numerical modelling
- Numerical simulation of walls
- Numerical simulations of floors
- Examples of acoustic simulation of timber and masonry partitions

The workshop is included in the congress fee. It is also possible to access to the workshop without attending the congress. The fee of the workshop is 40 €.