

IBPSA-Italy and the Free University of Bozen-Bolzano are pleased to announce the

7th Building Simulation Applications Conference – BSA 2026

Bozen-Bolzano (South Tyrol, Italy) June, 24th-26th 2026.

For details and information, please:

visit the website: <http://bsa.events.unibz.it/>

or contact us at: bsa@unibz.it

Target audience

- Public and private researchers in the general sector of building simulation and energy modelling
- Public agencies, public utilities and policy makers
- Private firms: manufacturers, management companies, utilities, software house
- Professionals: building designers (architects, engineers, etc.)

Official language is English. International attendance is warmly welcome.

Deadlines

15 January 2026 abstract submission

15 February 2026 abstract acceptance

31 March 2026 full paper submission

30 April 2026 full paper review notification

31 May 2026 full paper final submission

24 June - 26 June 2026 conference

Call for papers

The conference aims to give an overview of the most up-to-date applications of Building Simulation in the following fields:

- Building physics: envelope and HVAC system modelling, design and operation optimization
- Global performance and multi-domain simulation
- Methodologies, regulation, calculation and simulation tools

Abstracts submission is now open (deadline is January 15th 2026)

After registering in the management portal (<https://www.conftool.com/bsa2026/>), it is possible to submit a contribution.

Please select the appropriate type of submission between:

1) Standard submission

2) Graduate student competition.

Graduate students (PhD or M.Sc.) can apply for the student competition with original research papers.

The competing student must appear as the first author. A presentation letter is required from the

student supervisor, stating the student status and affiliation and must be uploaded before completion of the submission.

To accelerate the process and allow authors more time to finalize the full paper, acceptance will be communicated as soon as possible on a first in - first out basis, possibly even before the submission deadline. To this aim, please consider your abstract submission as definitive once it has been completed and uploaded. We will not consider subsequent amendments or integrations.

Abstract length and structure

The abstract should preferably contain up to 1200 words and be structured according to the following scheme:

- (i) short introduction of the context, motivation and aim of the work,
- (ii) applied approach and methods,
- (iii) achieved results,
- (iv) conclusions.

Official language is English. No other languages are allowed for abstracts and full papers.

In order to assist with the review process and the creation of the conference program, please also select the topic(s) that best suit your submission among the list provided below.

Proceedings Indexing

BSA2026 is a conference of the BSA Building Simulation Applications series. BSA2013, BSA2015, BS2017, BSA2019, BSA2022 and BSA2024 proceedings are now indexed on Scopus.

Special issues

Selected papers will be invited to undergo a full review by a list of scientific journals, after being expanded and further developed. The journal and topics will be selected based on the quality of the submissions and their contents. The preliminary list of journals and special issues will be communicated after the acceptance of the abstract. The paper will be selected after the conference, and authors are invited to undergo the upgrade and review process.

Please consider that there is no guarantee of publication and that the journals retain any rights to decide if the Special Issues will or will not be published.

Call for special sessions

Organizations and individuals are encouraged to propose special sessions also in the format of panels. Please contact the organizers at: bsa@unibz.it.

Guest IBPSA Affiliate Sessions

IBPSA Regional Affiliates are welcome to propose special guest sessions, sharing contributions related to the regional research focuses and priorities. Please contact the organizers at: bsa@unibz.it.

Keynotes

International keynote speakers are going to be announced in a few weeks.

Preliminary program at a glance

- Wednesday June 24th:
 - Morning and afternoon: workshops for PhD and graduate students
 - Afternoon: city tour (social program)
 - Evening: welcome reception
- Thursday June 25th:
 - Morning and afternoon: parallel technical sessions
 - Afternoon: Student competition session
 - Evening: social dinner
- Friday July 26th:
 - Morning: parallel technical sessions
 - Awarding ceremony
 - Closing luncheon

List of topics

Contributions are going to be classified into the following topics list:

- Building physics: envelope and HVAC system modelling, design and operation optimization
 - Heat and mass transfer modeling in buildings
 - Building envelope systems, facades, and innovative building materials
 - Air flow, natural ventilation and mixed mode cooling
 - HVAC components and systems
 - CHP and renewables
 - Building control systems and Smart buildings
 - Service equipment
- Global performance and multi-domain simulation
 - Building and room acoustics
 - Lighting and daylighting
 - Thermal comfort
 - Acoustic comfort
 - Visual comfort
 - Indoor air quality
 - Indoor environmental quality
 - Net-zero and nearly-zero energy building
 - Retrofit/refurbishment of existing buildings
 - Commissioning and operation
 - Urban building energy modelling and District analysis
- Methodologies, regulation, calculation and simulation tools
 - Model validation, sensitivity analysis, calibration and optimization techniques
 - Building codes and regulations, simplified methods versus detailed simulation
 - New simulation tools and improvements in existing simulation tools
 - Machine Learning and Artificial Intelligence applied to building performance simulation
 - Approaches to improve simulation accuracy and representativeness of data inputs
 - Weather data (typical and extreme), microclimate modelling, urban heat island effects
 - Occupancy behavior
 - Integration, interoperability web-based techniques, software development, open source initiatives, BIM
 - Advances in teaching and education, eLearning

Venue

- Faculty of Engineering of the Free University of Bozen-Bolzano, via Bruno Buoizzi 1, 39100, Bolzano, Italy (<https://maps.app.goo.gl/hyyitZ2T8d72995B7>)
- Getting there (<https://www.suedtirol.info/how-to-get-there>):
 - By plane
 - Airport Verona (VRN), 1 hour 15 minutes' drive from the Faculty
 - Airport Innsbruck (INN), Austria, 1 hour 30 minutes' drive from the Faculty
 - The airports of Milano Malpensa (MPX), Venice (VCE), Bergamo (BGY) and Treviso (TSF) are also viable choices.
 - Airport shuttles are available from the main airports. More information: <https://www.suedtirol.info/en/information/how-to-get-there/travel-by-plane-to-south-tyrol>

By car

Brennero Motorway A22, exit "Bolzano/Bozen Sud"

By train

Bolzano-Bozen train station is served by Italian, Austrian and German train companies:

- FS - Ferrovie dello Stato (Italy)
- ÖBB - Österreichische Bundesbahn (Austria)
- DB - Deutsche Bahn (Germany)

By bus from the city center/main train station

- Bus line 111 – Stop: NOI Techpark