

BSA2017 IBPSA Italy Project Award

The “**BSA 2017 IBPSA Italy Award for Building Simulation-Aided Project**”, hereinafter **BSA2017 IBPSA Italy Project Award**, will call scientific community and designer’s attention to those projects that, through advanced simulation techniques and/or software, were able to predict and optimize the energy and comfort performance of designed buildings.

Conditions of participation

Individual professionals or groups, either located in Italy or abroad, may apply for the **BSA2017 IBPSA Italy Project Award**. Each individual candidate or group may take part in the competition with only one project. The project must have been completed (not necessary built) during the past five years and, for candidates coming from abroad, located within the Italian territory.

If not built, verifiable demonstration of the project’s feasibility must be provided, underling the expectable effectiveness of its innovations in practice, the processes and the technologies adopted for its fulfillment.

General Award Criteria

- Achievement of energy and comfort building performances that could not have been estimated and met without the use of building simulation in the design process.
- Enhancement and enabling of sustainable (aka “green”) design goals by means of the adoption of simulation tools in the design process.
- Integration and use of more simulation tools in the design process, development of specific simulation tools or innovative application of existing ones.
- Well-documented benefits addressing project costs, schedule, and/or resulting quality.

Documents to be submitted

In order to participate to **BSA2017 IBPSA Italy Project Award** you have to fill in the on-line format at <http://pro2.unibz.it/conftool/>.

The following material must be uploaded, including all the documents in a single .zip file:

- a) *a brief curriculum vitae* (max. 200 words, in English only) with a picture of the individual candidate or group;
- b) *specifications of the completed project* (client, designers, collaborators);
- c) *geographical and climatic data* characterizing the construction site and a brief description of the microclimatic conditions (latitude, longitude, altitude, etc.);
- d) *a general and technical report describing the project* (max. 2000 words, in English only), focusing on a technical description of the used materials, the systems and possible control systems. The text should explain what is essential for the understanding of the work and its main aspects, focusing on the topics listed in the General Award Criteria. A description of the design challenges that led to the decision of using building simulation must be included, as well as a detailed design methodology description, clearly showing how building simulation tools were used to impact design decisions.
- e) *graphic description of the project in a freely composed A1 format panel* (maximum 3 panels A1 for each project) using the layout supplied by the organization committee and available in the conference webpage. It should contain plans, cross sections, perspective views, project drafts, conceptual schemes, picture of the plastic model if available, rendering images if available, high-quality images of the finished work (if any) and the above mentioned information listed at point b), c) and d) conveniently summarized. The legibility of the A1 table (drawings, diagrams, text, captions, etc.) must also be guaranteed for A3 size. The A1 table should be uploaded in Jpeg (.jpg) format, saved at a resolution of 300 dpi, quality level 12, RGB. All the image files composing the A1 table should be uploaded also as single files.

All the above documents should be submitted to be eligible for the jury’s selection.

All documents must be in English only.

Deadline

The documentation should be uploaded by January 20th, 2017. Candidates will be excluded from the jury’s selection if they do not submit the material by the deadline, if they are not qualified to participate and if the material does not comply with the requirements.

Registration

Candidates to the **BSA2017 IBPSA Italy Project Award** who were not enrolled at Building Simulation Applications 2017 – 3rd IBPSA-Italy Conference, are required to pay by January 20th 2017.

Project Exhibition

Posters will be exposed from February 8th 2017 in the main building of the Free University of Bozen. After the award ceremony, on February 10th, 2017, which will take place during the **BSA2017** conference, free access will be granted to the exposition area.

The top three winners will present their work during the **KlimaHouse Fair 2017** (26-29 January 2017). The presentation will last 5 minutes and will be held on January 26, 2017 in seminars programmed by KlimaHouse Academy in collaboration with **lvh.apa** Confartigianato Imprese. All selected projects will be published on the website of BSA2017 conference and during the fair **KlimaHouse**.