

Organizing Committee (IBPSA-Italia)

Paolo Baggio University of Trento
Marco Baratieri Free University of Bozen-Bolzano
Francesca Cappelletti University IUAV of Venice
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Marco Noro University of Padova
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Francesco Patuzzi Free University of Bozen-Bolzano
Paola Penna Free University of Bozen-Bolzano
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Alessandro Prada Free University of Bozen-Bolzano
Piercarlo Romagnoni – University IUAV of Venice

IBPSA Italy

IBPSA-Italy is the Italian regional affiliate of the International Building Performance Simulation Association. It is a non-profit-making association which includes researchers, developers and practitioners acting on the topic of building performance simulation. IBPSA-Italy's principal mission is to promote and advance the practice of building performance simulation. IBPSA-Italy was founded in January 2011 and it now has more than 100 members including university professors, researchers, practitioners, software developers, and students.

BSA 2015: Conference Informations

The conference program, as well as the author instruction and the link for the upload of abstracts will be available on the web:

[http://www.unibz.it/en/sciencetechnology/events/
bsa2015/default.html](http://www.unibz.it/en/sciencetechnology/events/bsa2015/default.html)
<http://www.ibpsa-italy.org/it/>

Conference Contacts

bsa2015@unibz.it

Free University of Bozen-Bolzano
Universitätsplatz - Piazza Università 5
39100 Bozen - Bolzano
Italy

[http://www.unibz.it/en/sciencetechnology/events/
bsa2015/default.html](http://www.unibz.it/en/sciencetechnology/events/bsa2015/default.html)

Call for papers

BSA | Building
Simulation
2015 | Applications

2nd IBPSA-ITALY CONFERENCE
BOZEN-BOLZANO 4–6.2.2015

 Freie Universität Bozen
Libera Università di Bolzano
Università Lieldia de Bulsan



IBPSA *Italy*
International Building Performance Simulation Association

Time and Location

From February 4th to 6th 2015 IBPSA-Italy organizes the 2nd Conference on Building Simulation Applications at the Free University of Bozen-Bolzano.

Topics

1 Building physics: envelope and system components

- Heat and mass transfer modeling in buildings
- Building envelope system and facade, and innovative building materials
- Air flow, natural ventilation and mixed mode cooling
- Building control system

2 Integrated performance

- Building acoustics
- Lighting and daylighting
- Indoor environmental modeling: visual and thermal comfort, indoor air quality
- Net zero energy building
- Retrofit/Refurbishment of existing buildings
- Renewable energy technologies, district heating and CHP generation

3 Methodologies, calculation, simulation tools and regulations

- Model validation, sensitivity analysis and optimization techniques
- Building codes and regulations, simplified methods versus detailed simulation
- New simulation tools and improvements in existing simulation tools
- Integration, interoperability web-based techniques, software development, open sources initiatives
- Advances in teaching and education, eLearning

Target audience

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

Deadline for participants

Abstract submission: 19 September 2014

Abstract acceptance: 15 October 2014

Full paper due: 30 November 2014

Full paper acceptance: 15 December 2014

Early bird registration: 15 December 2015

Final submission: 7 January 2015

Best Paper

From excellent full papers selected by the BSA reviewers a top list will be formed by the Editor, Prof. Jan Hensen to be considered for publication in the “Journal of Building Performance Simulation” after appropriate editing.

PhD Student Session

A special Call for papers is addressed to PhD students who will discuss their works as first authors in a dedicated special session.

Designer and Professional Session

A special Call for papers is addressed to Designer and Professionals. In a dedicated session they will present building simulation best practices in design or service.

Opening Address and speeches

Prof. Ian Beausoleil Morrison- President of IBPSA
Word - Opening Address

Department of Mechanical and Aerospace Engineering
Carleton University, Ottawa, ON, Canada
Co-Editor of the “Journal of Building Performance Simulation”

Prof. Jan Hensen - 1st Keynote

Head of unit Building Physics & Services, Built Environment
Department
Technische Universiteit Eindhoven, the Netherland
Co-Editor of the “Journal of Building Performance Simulation”

Prof. Ardeshir Mahdavi - 2nd Keynote

Director of the Department of Building Physics and
Building Ecology
TU-Wien Austria
Board member of IBPSA-Germany/Austria

Prof. Athanasios Tzempelikos - 3rd Keynote

School of Civil Engineering and School of Mechanical
Engineering
Purdue University, West Lafayette, IN, United States

Scientific Committee

Ian Beausoleil-Morrison Carleton University Canada
Jan Hensen Technische Universiteit Eindhoven Netherland
Ardeshir Mahdavi TU-Wien Austria
Natale Arcuri University of Calabria
Paolo Baggio University of Trento
Vincenzo Corrado Polytechnic University of Turin
Andrea Gasparella Free University of Bozen-Bolzano
Livio Mazzarella Polytechnic University of Milan
Athanasios Tzempelikos Purdue University