



Forward



Tweet



Share



Share

## The electronic Newsletter of IBPSA England (2018 No. 3)

Dear IBPSA England member

Here is your September IBPSA England email newsletter. This issue features news from the BSO conference and the Radiance Workshop held at the beginning of the month, updates from DesignBuilder training courses, info on the EC3 conference, and more. On top of all this, the [IBPSA England website](#) has a completely new look, check it out for more information!

If you want to keep updated with Building Performance Simulation events coming up in the next months, have a look at our calendar at the end of the newsletter.

Happy reading!

Eleonora Brembilla

**IBPSA England eNews Editor**

Email: [e.brembilla@lboro.ac.uk](mailto:e.brembilla@lboro.ac.uk)

*P.S. The IBPSA eNews is published on a quarterly basis, namely at the end of the following months: March, June, September, and December. If you would like to share IBPSA England related information with all IBPSA England delegates, please don't hesitate to send an email to [e.brembilla@lboro.ac.uk](mailto:e.brembilla@lboro.ac.uk)*

---

**Item 1: [New IBPSA England Website](#)**

The IBPSA England website [www.ibpsa-england.org](http://www.ibpsa-england.org) has been completely revamped!

Go and have a look if you want to know more about who we are, what we do, and how you can be involved in IBPSA activities. You can also find the latest news from IBPSA England, job opportunities, events calendar and much more. And if you are not a member yet, or you are not receiving our emails, make sure you join us at [www.ibpsa-england.org/join-us](http://www.ibpsa-england.org/join-us).



IBPSA England Board members at BSO 2018. From top left, in clockwise order: Ioannis Rizos, Eleonora Brembilla, Rob McLeod, Yeonsook Heo, Pieter de Wilde, Christina Hopfe, Anna Mavrogianni, Rokia Raslan, Jon Wright, Ruchi Choudhary, and Rebecca Ward. The rest of the Board members includes: Clarice Bleil de Souza, Neveen Hamza, Edward Murphy, Dimitrios Rovas, Amira Elnokaly, Candy He, Annie Marston, and Shen Wei.

## **Item 2: Building Simulation & Optimization (BSO) Conference 2018**

The BSO conference held in Cambridge on 11-12 September was a great success! The latest research on Building Performance Simulation and Optimization was presented over two intense days, with 3 parallel sessions, about 90 presentations and 3 fascinating keynote speakers: Prof Ryoza Ooka from University of Tokyo, Dr Penny Carey from Portakabin, and Prof Joe Clarke from University of Strathclyde.

Two Best Paper Awards were presented during the conference dinner at Emmanuel College:

- The Best Paper Award went to **Alstan J. Jakubiec**, from Singapore University of Technology and Design, for his paper '*Towards Subjectivity in Annual Climate-Based Daylight Metrics*'.
- The Best Student Paper Award went to **Matej Gustin**, from Loughborough University, for his paper '*Prediction of internal temperatures during hot summer conditions with time series forecasting models*'.

Thanks go to everyone who helped with the conference organisation, to the sponsors, and to all presenters and attendees.

The Organisers

Dr. Ruchi Choudhary & Dr. Yeonsook Heo



### Item 3: 17th International Radiance Workshop 2018

This year the International Radiance Workshop took place at Loughborough University, on 3-5 September. Some of the most renowned names in lighting simulation presented their latest works during the first two days, including the developer of Radiance, Greg Ward, who is also this year's recipient of the prestigious [Daylight Award](#). The third day was dedicated to various tutorials on Radiance, CBDM, HDR Imaging – presented by Prof John Mardaljevic – and on Honeybee, a Grasshopper plug-in for daylighting and thermodynamic

modelling developed by [Ladybug Tools](#) – presented by Mostapha Sadeghipour Roudsari.



All presentations and audio recordings are available on the [Radiance website](#), together with presentations from previous workshops.

Next year's workshop will be at the New York Arup Offices, watch this space!

---

#### **Item 4: DesignBuilder workshop on minimising overheating risk**

Following the recent success of the first DesignBuilder Workshop on minimising overheating risk, the course was run again at Loughborough University on September 20th. Dr Christina Hopfe and Dr Rob McLeod from Loughborough University explained the backdrop to these problems magnificently in the first session of the day, then went on to discuss some of the contributing factors and solutions in more detail. The rest of the day was dedicated to practical use of DesignBuilder, to analyse buildings using the CIBSE TM52 and TM59 methodologies and show how to meet the overheating requirements of Building Regulations, BB101, BREEAM and The London Plan.

The course received very good feedback. Here are just a few of the many positive customer comments:

Carlos Jimenez-Bescos: *“A very enjoyable course full of practical advice. Well worth attending.”*

Levent Ulfet: *“As always, first class training from DesignBuilder.”*

More information can be found at <https://designbuilder.co.uk/training/training-events>

---

#### **Item 5: 2019 European Conference on Computing in Construction**

On behalf of the [European Council on Computing in Construction](#) (EC<sup>3</sup>) we would like to invite you to the 2019 EC3 Conference on Computing in Construction, to be held 10-12 July 2019 in Chania, Greece. EC<sup>3</sup> is the premier European Conference for information, communication and technological research, innovation and policy for the Construction Sector as a whole in Europe. It is the biennial meeting that aspires to establish an active

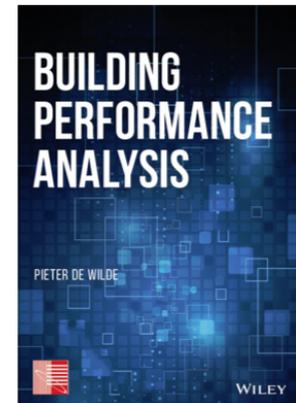
dialogue on the challenges in the field of Computing in Construction and provide a forum to present the latest advances in research and professional practice in this domain. Topics included in the conference scope can be [found here](#). For more information please visit the [conference web site](#).

Submit an abstract (optional) by 30 September, or a full paper by 14 December.

---

### Item 6: **2nd IBPSA-endorsed Book: Building Performance Analysis**

Members of IBPSA-England may already have noted the publicity for the book Building Performance Analysis by Pieter de Wilde, the immediate past chair of the Affiliate Region. This book has been published by Wiley last summer; a book signing session took place at the Building Simulation and Optimization 2018 Conference in Cambridge in September.



While the book takes an international perspective, it is clearly rooted within IBPSA-England. Amongst others you will find reference to Stonehenge as an early High Performance Building and a case study on the Davies Alpine Greenhouse in Kew Gardens, as well as endorsements by IBPSA-England members Malcolm Cook and Ruchi Choudhary.

Further information is available on the internet through the following resources:

- A webinar specifically about the book, presented by the author on 31 May 2018 and posted on the IBPSA University YouTube channel ([www.youtube.com/watch?v=xPx-oWJ0K3k](http://www.youtube.com/watch?v=xPx-oWJ0K3k))
- The inaugural professorial lecture of Pieter de Wilde, which covers the same subject area of building performance analysis ([www.youtube.com/watch?v=85QpbfoRQ0](http://www.youtube.com/watch?v=85QpbfoRQ0))
- The website from the author at [www.bldg-perf.org](http://www.bldg-perf.org).

The book can be purchased directly from the publisher, via the major online retailers, and of course via your local bookseller. Members of IBPSA-England are offered a 20% discount on the book when ordering directly from the publisher at [www.wiley.com](http://www.wiley.com). To claim this discount quote code VBQ27 at the checkout before October 31st 2018.

For questions and feedback, please email the author at [pieter@bldg-perf.org](mailto:pieter@bldg-perf.org).

---

### UPCOMING EVENTS

- Building Performance Analysis Conference and SimBuild, 26-28 September 2018, Chicago, IL – [www.ibpsa.us](http://www.ibpsa.us)

- uSIM, 29-30 November 2018, Glasgow, UK – [usim18.org.uk](http://usim18.org.uk)
- SimAUD, 7-9 April 2019, Atlanta, GA – [www.simaud.org/2019/](http://www.simaud.org/2019/)
- European Conference on Computing in Construction (EC<sup>3</sup>), 10-12 July 2019, Chania, Greece – More information at [ec-3.org/conf2019/](http://ec-3.org/conf2019/)
- Building Simulation 2019, 2-4 September 2019, Rome, Italy – [buildingsimulation2019.org](http://buildingsimulation2019.org)



*Copyright © 2018 University College London, All rights reserved.*

You are receiving this email because you are a member of IBPSA England or have opted in to our newsletter in the past.

**Our mailing address is:**

University College London  
Gower Street  
London, Cnd WC1E 6BT  
United Kingdom

[Add us to your address book](#)

Want to change how you receive these emails?

You can [update your preferences](#) or [unsubscribe from this list](#).