

# facade2017

**Nov. 24th // RESILIENCE**

Since 2000 (in the beginning 21st Century) climate change and globalisation have influenced the actual world and all societies tremendously and they have also affected the way we are building. Safety and security requirements are increasing and are consequently influencing the design of the building envelope. 'Resilience' describes the function and ability of buildings and their facades to recover from or adjust easily to change; this can either be in a direct way to specific stresses forced by water, wind, fire, explosion or earthquake but also in an indirect way seen as a general ability of adaptivity to different changes. These issues will be addressed at the conference facade2017 from different academic and professional perspectives.

- 8.30 Registration (Room: Casino 3.103)**  
**9.00 Welcoming**  
Prof. Ulrike Kerber (Vice President for Communication)  
Prof. Kathrin Volk (Vice Dean Dept.1)  
  
Prof. Dr. Uta Pottgiesser, University of Antwerp (Moderation)
- Global Challenges**
- 9.15 Challenging Structures and Facades**  
Daniel Meyer, Lüchinger + Meyer Bauingenieure AG;  
Zürich, Switzerland
- 10.00 Climate Change, Globalization and Digitalization and their Impacts on Prospective Façade Design**  
Daniel Arzmann, Schüco International/OWL University of Applied Sciences; Bielefeld /Detmold, Germany
- 10.30 Contextual Resilience - Case Study of Burj Alshaya Centre**  
Taeyoung Kim, Korea National University of Arts;  
Seoul, South Korea
- 11.00 Coffee break**
- Existing Buildings / RMB Session**
- 11.30 Dirk Roosenburg and Fritz Peutz, seismic resistant Building in the 1930's in Heerlen NL**  
Michel Melenhorst, OWL University of Applied Sciences;  
Detmold, Germany
- 12.15 Holistic Seismic Behavior and Design of Buildings**  
Oguz C. Celik, Istanbul Technical University;  
Istanbul, Turkey
- 12.45 Climate Responsive Facades and Sustainable Building Materials**  
Sanjay Seth, TERI The Energy Research Institute;  
Bangalore, India
- 13.15 Lunch break**
- Future Architectural Concepts**
- 14.15 Light facades - a Process towards the Limit**  
Xavier Ferrés, Ferrés Arquitectos y Consultores;  
Barcelona, Spain
- 15.00 //**  
Robert-Jan van Santen, VS-A Group;  
Lille, France
- 15.30 Transparent Facades for Music Performance Spaces**  
Spencer Culhane; Schüco New York;  
New York, USA
- 16.00 Final Discussion**  
**17.00 End**

**Registration:** <http://www.hs-owl.de/fb1/fachbereich/facade2017> until Nov. 11<sup>th</sup>, 2017  
Changes or cancellation are subject to alterations by the organiser.

**Fees:** 150 € Professional Ticket  
100 € Members of German Chamber of Architecture / efn/ RMB Consortium  
80 € Members of HSOWL  
25 € Students / Graduates of HSOWL

**Venue:** HS OWL //Emilienstr. 45, Detmold - Germany// Room: Casino 3.103

**Directions:** <http://www.hs-owl.de/fb1/en/service/anfahrt-kontakt.html>

**Homepage:** <http://www.hs-owl.de/fb1/forschung/construction-lab/veranstaltungen/facade2017.html>

**Contact:** [susann.kreplin@hs-owl.de](mailto:susann.kreplin@hs-owl.de)

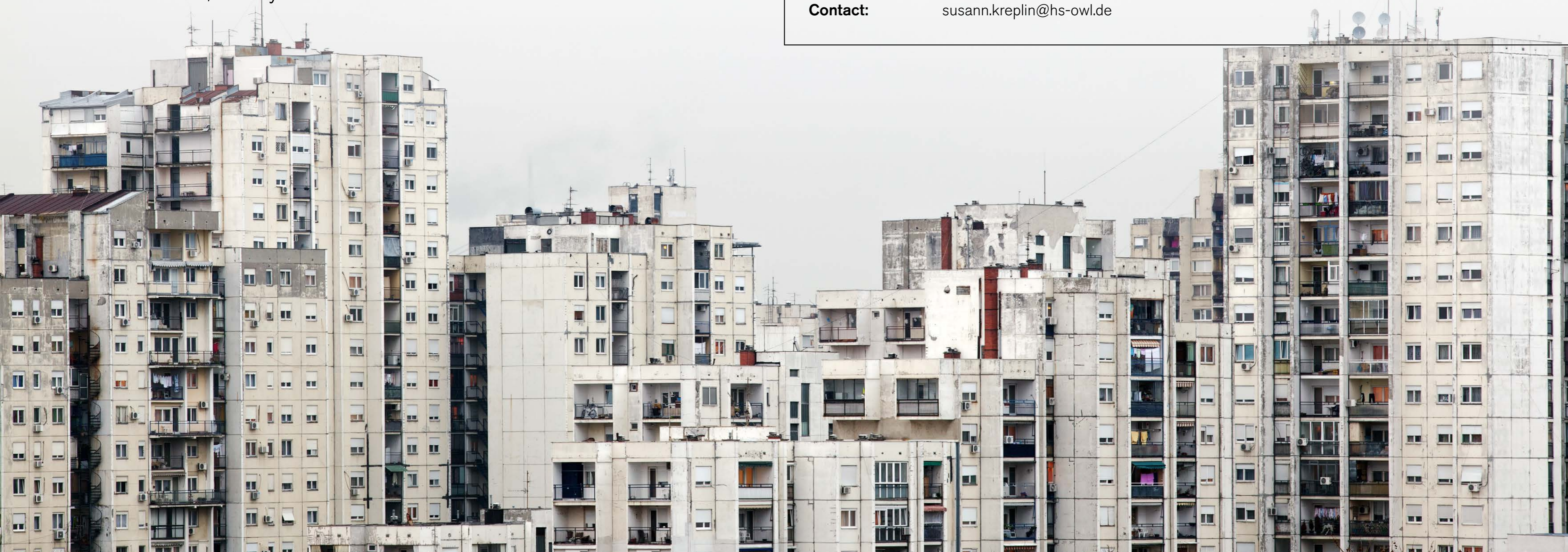


Photo: Piotr Bednarski