

Lucerne University of
Applied Sciences and Arts

HOCHSCHULE LUZERN

Engineering and Architecture
FH Zentralschweiz

FACADE 2018 – Conference on Building Envelopes

Adaptive!

26th – 27th November 2018
KKL Lucerne



Hochschule Ostwestfalen-Lippe
University of Applied Sciences



FACADE 2018 – Conference on Building Envelopes

Adaptive!

Date

Monday, 26 November –
Tuesday, 27 November

Location

KKL Lucerne

Conference language

English

Organisation

Competence Center
for Building Envelopes
Prof. Dr. Andreas Luible
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andreas.luible@hslu.ch

Registration fee

Conference Pass 2 Days:
CHF 550
Conference Pass Monday:
CHF 350
For Students 2 Days:
CHF 150
For Students Monday:
CHF 100

Registration

<http://tu1403.eu>

FACADE 2018 is dedicated to adaptive facades – innovative examples from practice and development

On 26th and 27th November 2018, the Competence Centre Building Envelopes of Lucerne University of Applied Sciences and Arts will once again host the international conference FACADE 2018 at the KKL Lucerne. This year's event is also the closing conference of the COST Action TU1403 "Adaptive Facades Network", which was initiated by the Lucerne University of Applied Sciences and Arts four years ago. On the two days, renowned international representatives from practice and research will present the current state-of-the-art of developments in the field of design and engineering of adaptive building envelopes. On the first day, international speakers will present innovative examples and visions with focus on implementation and practice. The second day will be dedicated to the results of the COST network, with topics on digital design innovations or novel test methods.

The conference aims at an interested audience of experts who will gain new perspectives and a deeper insight into the challenges of adaptive building envelopes.

Topics include, among others:

- Facade concepts, products and technologies
- Design and construction innovations
- New ways for analysis and testing methods
- Requirements for building integration and operation

Further information on the event can be found on the COST TU1403 website (<http://www.tu1403.eu>).

Monday, 26 November 2018 (Day 1)

8:30

Registration and coffee

9:00 – 15:00

Keynote presentations:

- Cities Alive: Green Building Envelope
Rudi Scheuermann, Arup, UK
 - The Maersk Tower Facade
Mads Mandrup Hansen, C.F. Møller, Denmark
Johann Sischnka, Waagner Biro, Austria
 - High Comfort – Low Impact
Thomas Auer, Transsolar, TUM, Germany
 - Multidisciplinary Approach Towards Design of Kinetic Lightweight Sun Shading Facade
Miriam Dall'Igna, Foster + Partners, UK
 - Adaptive Solar Façade
Arno Schlüter, ETHZ, Switzerland
 - COST Action – Adaptive Facades Network:
Objectives, Activities, Results and Conclusions
Laura Aelenei, National Energy and Geology Laboratory, Portugal
Andreas Luible, Lucerne University of Applied Science and Arts, Switzerland
Marco Perino, Politecnico di Torino, Italy
Mauro Overend, University of Cambridge, UK
Uta Pottgiesser, University of Antwerp, Belgium
Frank Wellershoff, Hafencity University Hamburg, Germany
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Lunch break and coffee breaks

15:30 – 17:00

COST Action TU1403 Short presentations

Conference Diner

Tuesday, 27 November 2018 (Day 2)

8:30

Registration and coffee

9:00 – 17:00

- 52 presentations in four parallel sessions:
- Facade concepts, products and technologies
 - Design and construction innovations
 - New ways for analysis and testing methods
 - Requirements for building integration and operation
- The detailed program is available at www.tu1403.eu.
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Lunch break and coffee breaks

17:00

Closing

Registration and further information

Lucerne School of Engineering and Architecture
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