

Lucerne University of
Applied Sciences and Arts

**HOCHSCHULE
LUZERN**

Engineering and Architecture
FH Zentralschweiz

Hochschule Ostwestfalen-Lippe
University of Applied Sciences



Façade2016 – Conference on Building Envelopes

“What’s next?”

Friday, 7 October 2016
KKL-Lucerne



SageGlass



WICONA
TECHNOLOGY FOR IDEAS

Façade2016 – Conference on Building Envelopes

“What’s next?”

Date
Friday,
7 October 2016

Location
KKL Lucerne
(www.kkl-luzern.ch/en/)

Conference language
English with simultaneous
translation to German

Organisation
Competence Center
Façade and Metal
Engineering
Prof Andreas Luible, PhD
T +41 41 349 34 79
andreas.luible@hslu.ch

Registration fee
CHF 350
(including lunch and
coffees)

CHF 100
for students

Registration
www.hslu.ch/facade2016

Deadline
1 October 2016

“What’s next?” What developments in the area of façade engineering are expected in the next years? How do energy-efficient building envelopes work in the future? Will they be the adaptive high-tech component? Does the use of digital planning and manufacturing methods have an impact on the realization of our building envelopes? These questions and more will be part of interesting discussions at the international conference Façade2016. Renowned engineers and architects will introduce newest trends, developments and technologies related to the building envelope.

The conference is conducted within the framework of the European Façade Network (EFN) and the European research project COST TU1403 “Adaptive Facades Network”. The last conference at the KKL Lucerne in 2014 attracted some 200 engineers, architects and façade planners, who were treated to some highly relevant presentations and took part in lively discussions.

After the presentations, we will meet for networking and refreshments on the Rooftop Terrace of the KKL.

Program

8:30

Registration and Coffee

9:00 – 9:15

Opening Speech

- Prof. Andreas Luible, PhD, Head of the Competence Center Façade and Metal Engineering, Lucerne School of Engineering and Architecture
- Prof. Viktor Sigrist, PhD, Dean, Lucerne School of Engineering and Architecture

9:15 – 10:30

Session 1

- Anton Falkeis, falkeis architects, Austria
Active Buildings
- Wilfried Laufs, Laufs Engineering Design, USA
Recent structural façade innovations – US case studies

11:00 – 12:45

Session 2

- Wiliam Matthews, Wiliam Matthews Associates, UK
Designing the Shard: from sketch design to lessons learnt
- Lucio Blandini, Werner Sobek Stuttgart AG, Germany
Iconic, transparent, sustainable – Trends and challenges for contemporary façade engineering
- Per Heiselberg, Aalborg University, Denmark
Interaction between users and facades

14:00 – 15:15

Session 3

- Kenneth Ross, Richter Dahl Rocha & Associés architectes, Switzerland
Richter Dahl Rocha & Associés architects: Recent and Upcoming work
- Martin Manegold, Imagine Computation, Germany
Automation of 3D Planning and Data Generation for Manufacturing

15:45 – 16:45

Session 4

- Susanne Gosztonyi, LUND University, Sweden
Biomimetic ideas for thermally adaptive facades
- Claudio Meisser and Jan Lipton, Switzerland
Optimized Closed-Cavity Hybrid Window for Glass Façades

17:00 – 20:00

Networking and refreshments

Location: Rooftop Terrace of the KKL

Front page:

falkeis.architects_vienna.vaduz | Mock Up / Marxer active.energy.building

Photo: Roland Korner