

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/](http://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](mailto:andreas.luible@hslu.ch)

**Registration fee**  
CHF 350  
(including lunch and  
coffees)

CHF 100  
for students

**Registration**  
[www.hslu.ch/facade2016](http://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:**

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