

Abend der Wirtschaft

Hochschule Luzern – Technik & Architektur

CC Fassaden & Metallbau

Prof. Dr. Andreas Luible

Leiter Kompetenzzentrum

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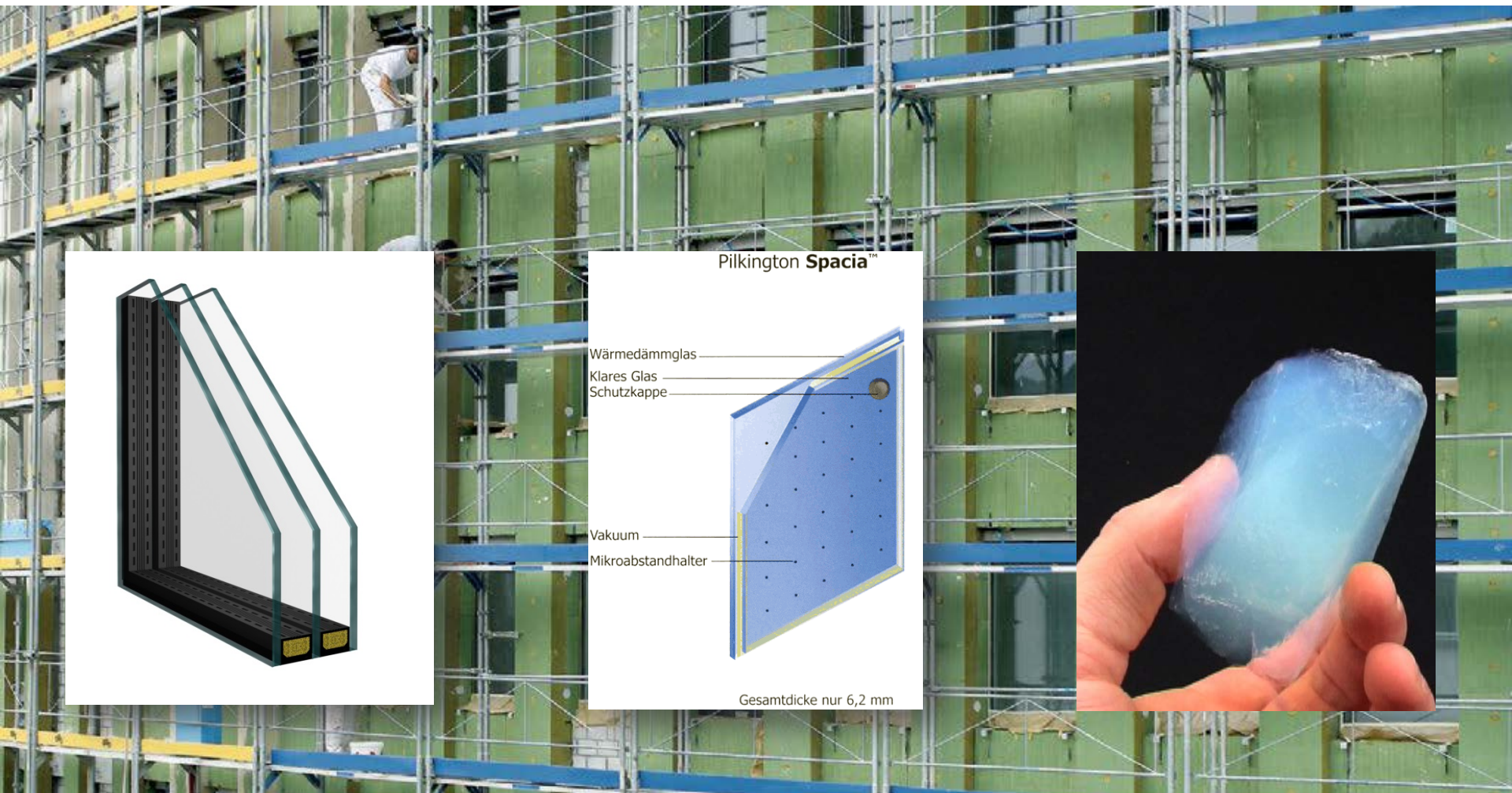
Horw 03.11.2016



Energieeffiziente Gebäudehüllen ?



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Energieeffiziente Gebäudehüllen ?

Variierende Umgebungsbedingungen (stündlich, täglich, saisonal, jährlich, regional, örtlich,...)



Gebäudehüllen heute sind **nicht anpassungsfähige Systeme**

COST Action TU1403 – Adaptive Facades Network



COST Action TU1403 – Adaptive Facades Network

Projektdauer: 28.10.2014 – 27.10.2018

Operative und finanzielle Leitung: Hochschule Luzern T&A - Prof. Dr. Andreas Luible

Projektvolumen: ca. 600'000 EUR

26 COST Länder + Liechtenstein, China, Australia

~ 170 Teilnehmer

~ 80 Forschungs- und Industriepartner

Ergebnis nach 24 Monaten:

- 13 Arbeitsgruppensitzungen
- 17 Short Term Scientific Missions (Kurzezeitaaustausch von Wissenschaftlern)
- ~20 Publikationen
- 1 Industry Workshop
- 1 Training School für PhD Studenten
- 1 Educational Pack (Unterrichtsunterlagen)
- 1 State of the art report

stepmap.de 



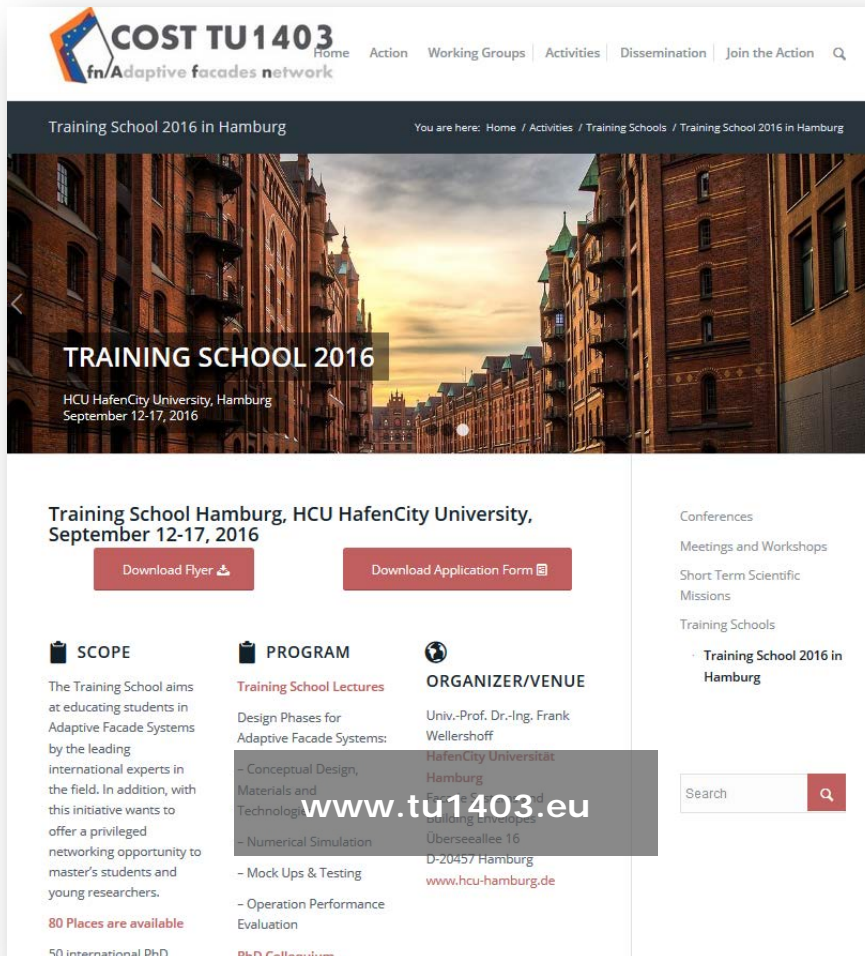
COST Action TU1403 – Adaptive Facades Network

The screenshot shows the website for COST Action TU1403. At the top left is the logo with the text "COST TU1403" and "fn Adaptive facades network". A navigation menu includes "Home", "Action", "Working Groups", "Activities", "Dissemination", and "Join the Action". Below the navigation is a dark banner with "COST Action TU1403" on the left and "You are here: Home" on the right. The main content area features a large image of a city at night with a text box that reads "MC AND WG MEETING 2016, LUCERNE" and provides details about the Working Group and Management Committee Meeting (October 5-6, 2016) and the International Conference - FASSADE 2016 (October 7, 2016) at the Lucerne University of Applied Science and Arts. Below this is a section titled "COST ACTION TU1403 – ADAPTIVE FACADES NETWORK" with a paragraph describing the project's objective. To the right is a "NEWS" section with three items: "Conference FASSADE 2016 in Lucerne" (September 29, 2016), "Upcoming MC and WG meeting in Lucerne" (September 29, 2016), and "Booklet - Adaptive Facade Network - Europe" (December 18, 2015). A search bar is located at the bottom right of the news section. A large grey box with the URL "www.tu1403.eu" is overlaid on the page.

The booklet cover features a background image of a complex, geometric, lattice-like structure. The title "Adaptive facade network - Europe" is prominently displayed in the center. Below the title, the authors' names are listed: Andreas Luible, Mauro Overong, Laura Aterebi, Ulrich Knäuper, Marco Perino, and Frank Wellershoff. At the bottom right, there is a dark grey box with the text "Free download". The COST logo and the text "EUROPEAN COOPERATION IN SCIENCE AND TECHNOLOGY" are visible at the bottom left.



COST Action TU1403 – Adaptive Facades Network



COST TU 1403
fn/Adaptive facades network



Home Action Working Groups Activities Dissemination Join the Action

Training School 2016 in Hamburg

You are here: Home / Activities / Training Schools / Training School 2016 in Hamburg

TRAINING SCHOOL 2016
HCU HafenCity University, Hamburg
September 12-17, 2016

Training School Hamburg, HCU HafenCity University, September 12-17, 2016


Download Flyer  Download Application Form 

SCOPE
The Training School aims at educating students in Adaptive Facade Systems by the leading international experts in the field. In addition, with this initiative wants to offer a privileged networking opportunity to master's students and young researchers.
80 Places are available
50 International PhD

PROGRAM
Training School Lectures
Design Phases for Adaptive Facade Systems:
- Conceptual Design, Materials and Technology
- Numerical Simulation
- Mock Ups & Testing
- Operation Performance Evaluation
PhD Colloquium

ORGANIZER/VENUE
Univ.-Prof. Dr.-Ing. Frank Wellershoff
HafenCity Universität Hamburg
Faculty of Architecture and Building Envelopes
Überseeallee 16
D-20457 Hamburg
www.hcu-hamburg.de

Conferences
Meetings and Workshops
Short Term Scientific Missions
Training Schools
Training School 2016 in Hamburg

Search 



COST Action TU1403 – Adaptive Facades Network



COST Action TU1403 – Adaptive Facades Network



Christian Struck, Jan deWit, Valentina Serra, Alejandro Prieto, Nikola Furundzic, Budimir Sudimac, Violeta Nushi, Hanif Kara, Susanne Gosztonyi, Paulo Santos, Emanuela Giancola, Anna Sandak, Tillmann Klein, Jan Wurm, Traonvouez Luc, Chris Davis, Stefan Reich, Benedetta Marradi, Albert Castell Casol, Tatjana Kotic, Roberto Lollini, Ludger Fischer, Francesco Causone, Ciril Arkar, Stephen Selkowitz, Nikolaus Nestle, Rudi Scheuermann, Bert Lieverse, Winfried Heusler, Nikolaus Nestle, Kim Trangbaek, Thomas Wüest, Wolfgang Wittwer, Filipe Santos, Andrea Kindinis, Thaleia Konstantinou, Paulo Cruz, Amanda Aoun, Mark Alston, Christoph de Sousa, Sandra Monteiro da Silva, Steve Lo, Maria Gomes, Stefano Avesani, Matej Banozic, Vlad Alexandru Silvestru, Sergi Vall Aubets, Enrico Mazzucchelli, Simone Giostra, MARC MEDRANO, philipp molter, Anne Beim, Thomas Henriksen, Jerome Le Dreau, Zamna Castillejos, Bader Alatawneh, Ann Bosserez, Estefana Castaneda, Francesca Contrada, Tudor Cosmatu, Jakub Curpek, Paul Denz, Andjela Dubljevic, Mario Fernandez, Mohammadhossein Ghasempourabadi, Luigi Giovannini, Philippe Hannequart, Shawn Ives, Miren Juaristi, Aliakbar Kamari, Elida Luz, Fernando Martin-Conseuegra, Marco Meloni, Anh Phan Nguyen, Julia Pereira, Hemshikha Saini, Leonie Scheuring, Milan Schultz-Cornelius, Alberto Speroni, Manikanta Vanapalli, Yvonne Wattez, Bahar Basarir, Bert Van Lancker, Andreas Luible, Mauro Overend, Oliver Englhardt, Thomas Henriksen, Klara Machalicka, Uta Pottgiesser, Frank Wellershoff, Peter Andreas Sattrup, Per Heiselberg, Jose Miguel Rico Martinez, Julen Astudillo, Maxime Doya, Christophe Menezo, Mauro Overend, David Metcalfe, Theoni Karlessi, Konstantina Vasilakopoulou, Daniel Honfi, Mislav Stepinac, Vlatka Rajcic, Marco Perino, Chiara Bedon, Yasha Jacob Grobman, Guedi Capeluto, Niall Holmes, Philippe Lemarchand, Raimondas Bliudzius, Anatolijs Borodinecs, Jurgis Zemitis, Ognen Marina, Aleksandar Radevski, Arild Gustavsen, Francesco Goia, Jan Hensen, Ulrich Knaack, Daniel Aelenei, Manuela Almeida, Marcin Kozlowski, Marcin Brzezicki, Bijan Adl Zarrabi, Jerry Eriksson, Roko Zarnic, Ciril Arkar, Jozef Hraska, Roman Rabenseifer, Steven van Dessel, Shady Attia, Stephen Wittkopf, Aleksandra Krstic-Furundzic, Aleksandar Andjelkovic, Nina Penkova, Matej Banozic, Vlad Alexandru Silvestru, Martina Eliasova, Jens Schneider, Olena Kalyanova Larsen, Carmen Alonso, Giuseppe La Ferla, Aurora Monge, Fabio Favoino, Konstantinos Ioannidis, Luca Lanini, Rosa Romano, Carlos Ochoa, Aleksandar Petrovski, Cezary Misiopceki, Steinar Grynning, Rene Wansdronk, Roel Loonen, Christian Louter, Laura Aelenei, Sandra Jordao, Daniel Honfi, Susanne Gosztonyi, Franc Sinur, Tomaz Suklje, Jan Belis, Rene Ziegler, Anne Beim, Steve Lo, Mat Santamouris, Juozas Ramanauskas, Angela Sasic, Heiner Manz, Francesco Fiorito, Qian Jin, Dieter Schwarz



SEBF - Solar Energy Balanced Facade

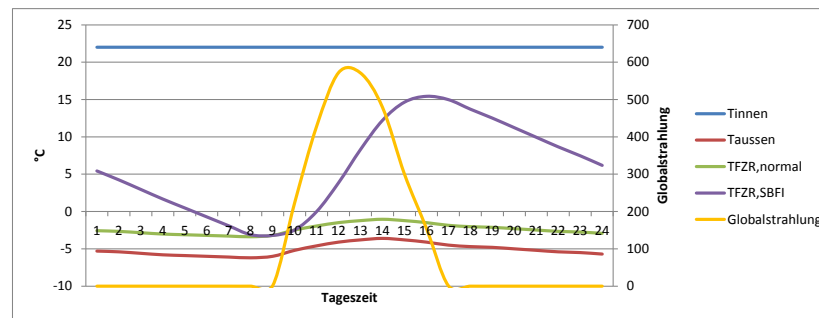
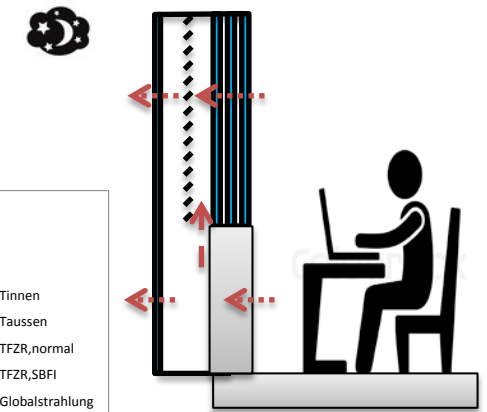
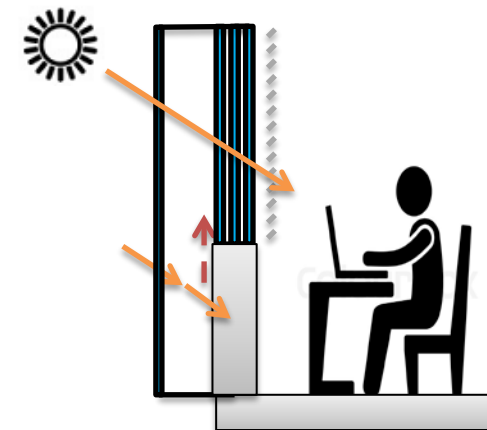
Projektstart: Dezember 2016
Dauer: 2 Jahre
Projektvolumen: 200'000 CHF
Finanziert durch SBFI/SNF

Ziel: Entwicklung einer Fassade mit einer ausgeglichenen Sonnenenergiebilanz (Solar Energy Balanced)

Ansatz:

- Reduktion von «unnützen» Energieeinträgen
- Erhöhen des Wärmedämmwertes
- Optimale Kombination aus transparenten und opaken Elementen
- Thermische Speichermasse in der Fassade nutzen
- Vorteile bestehender Systeme (CCF) nutzen
 - Witterungsschutz
 - Dauerhaftigkeit
 - Reinigung

Funktions-skizze Winter



Vielen Dank!

Kontakt:

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www.tu1403.eu

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