



Building and Construction Technology

University of Massachusetts, Amherst

BCT Friends and Alumni “Mixer”

When: March 1, 2013
Time: 9:30 am – 11:00 am
Where: UMass, Holdsworth Hall, Room 105

Drop by Holdsworth Hall for a coffee and a muffin and see what is happening at BCT. You have a chance to meet the BCT faculty, talk about what we are currently doing and learn about our future plans. The speakers from the following lecture will also be in attendance and available for a chat.

“Innovation Seminars: Energy Efficient Building Technologies”

When: March 1, 2013
Time: 11:15 am – 12:05 pm (Q&A: 12:05 pm – 12:30 pm)
Where: UMass, Holdsworth Hall, Room 308

Organized by the German American Chamber of Commerce in New York, three speakers will present their views on energy-efficient construction and present innovative building technologies.

This 50-minute talk will be followed by a Q&A session with the speakers.

“Energy-efficient building technologies in Germany”

Prof. Andreas Wagner, Director of Special Field Building Physics & Technical Building Services, Karlsruhe Institute for Technology, Germany

(http://fbta.arch.kit.edu/mitarbeiter_85.php)

“Community Solar as an Integrated Building System”

Jörg Gäbler, CEO, Wagner Solar (<http://usa.wagner-solar.com/>)

“Innovative thermal- and sound-insulating technologies”

Matt Capone, US Sales Manager, Schöck USA (<http://www.schock-us.com/>)

RSVP by 2/27:

This event is free. Please register using our online form: <http://goo.gl/bh2iY>

Visit us on the web: <http://bct.eco.umass.edu>

Innovation Seminars

Energy Efficient Building Technologies

Holdworth Hall, Room 308

Agenda

- 11:15am **Welcome and Introduction**
*Alexander Schreyer, Lecturer Building Construction Technology
Department of Art, Architecture & Art History, University of Massachusetts-Amherst*
- Susanne Rehse, Manager Consulting Services
German American Chamber of Commerce, Inc.*
- 11:20am **Energy efficient building technologies in Germany**
*Prof. Andreas Wagner, Director of Special Field Building Physics & Technical Building Services
Karlsruhe Institute for Technology, Germany*
- 11:35am **Community Solar as an Integrated Building System**
*Jörg Gäbler, CEO
Wagner Solar Inc.*
- 11:50am **Innovative thermal- and sound-insulating technologies**
*Matthew Capone, US Sales Manager
Schöck USA*
- 12:05am **Question & Answer Session**
Prof. Andreas Wagner, Jörg Gäbler, Matthew Capone

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Prof. Andreas Wagner
Director of Special Field Building Physics & Technical Building Services
Karlsruhe Institute for Technology, Germany

Prof. Andreas Wagner holds a mechanical engineering degree from the University of Karlsruhe. He has been a professor for building physics and technical building services at the University of Karlsruhe since 1995. He is also a founding partner of ip5 consulting engineers in Karlsruhe, Germany. In 2005, Prof. Wagner was announced Vice Dean for Research of the Faculty of Architecture. In recent years he was a visiting scholar at various international universities such as University of California-Berkeley, University Sydney, Australia, and University of Colorado-Boulder. He is involved in various research groups and organizations. His personal focus in research lays in integrated energy concepts for climate-neutral buildings, methods for assessment of indoor environments and thermal comfort in naturally conditioned buildings.



Jörg Gäbler
CEO
Wagner Solar Inc.

Jörg Gäbler, a German-American citizen, with 15 years of experience in the German-American business culture, has been appointed managing director of Wagner Solar Inc. in Cambridge, MA. The company provides highly efficient solar thermal systems tailored to the US market for domestic hot water and space heating applications. As one of the largest Photovoltaic integrators in Germany, Wagner Solar Inc. is also offering solar electric PV solutions and provides engineering support for installations in North America. Mr. Gäbler holds a BA from Northeastern University and MSc from the TU Vienna in renewable energy technologies. His master thesis covered the solar thermal market of North America; a process of 3 years of research and market entry preparation for Wagner Solar.



Matthew Capone
US Sales Manager
Schöck USA

Matthew Capone is an architectural designer with a wealth of experience in design-build projects and implementing energy efficient strategies. His project experience extends from initial design development to construction practice with a drive to create a lasting positive impact on our communities and environment, Matt applies techniques and industry insight to bring realization to the table. He is both proficient in Building Information Modeling (BIM) and knowledgeable in energy efficient strategies such as Passive House. Matt holds a Bachelor Degree in Architecture from Roger Williams University.

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