



INDUSTRY ADVISORY BOARD CONFERENCE AGENDA, OCTOBER 22-23, 2009

THURSDAY, OCTOBER 22, 2009: PLENARY SESSION
AUDITORIUM, INTERNATIONAL HOUSE, UC BERKELEY CAMPUS
Industry Partners, Research Affiliates, and Invited Guests

- 8:30 am **CONTINENTAL BREAKFAST AND REGISTRATION**
- 9:00 am **WELCOME AND INTRODUCTIONS**
- 9:30 am **RESEARCH PRESENTATIONS AND DISCUSSION**
1. Mixed-Mode Ventilation and Building Retrofits: *A Review of Past Work and Current Projects*
 2. Underfloor Air Distribution (UFAD) Research Program: *UFAD Commissioning Guidelines, Energy Modeling, and the East End Field Study Final Report*
 3. Occupant IEQ Survey Research Program: *Text Mining, Social Factors, and Hospital Module*
- 10:35 am *Morning Break*
4. Facade Performance Research: *Parametric Modeling of Facade Configurations, and Occupant Survey Development for High-Performance Facades*
 5. UC Berkeley's Center for Resource Efficient Communities: *Related Energy and Comfort Research*
- 11:40 am **NEW PARTNER PRESENTATIONS:** DPR Construction, Southern California Edison
- 12:00 pm **LUNCH**
- 1:00 pm **CONCURRENT BREAKOUT PANEL PRESENTATIONS** (*some panelists pending confirmation*)
- 6A. ARCHITECTURAL ACOUSTICS: INDOOR ENVIRONMENTAL QUALITY AND LEED**
Charles Salter, Charles Salter Associates; Kenneth Roy, Armstrong World Industries
Moderator: John Goins; Location: International House Auditorium
Standards for acoustical quality are belatedly being adopted by the USGBC's LEED rating system. This panel will help participants be prepared for new and future LEED practices for related to architectural acoustics in schools, offices, and healthcare building types.
- 6B. DESIGNING FOR SUSTAINABILITY IN CHINA**
Clark C. Bisel, WSP Flack+Kurtz; Alisdair McGregor, Arup; Zorana Bosnic, HOK
Moderator: Stefano Schiavon; Location: Robert and Ida Sproul Room A
For several years the rate of development in China has far exceeded that of much of the developed world. This panel will discuss how China provides opportunities to test new approaches to sustainable development, with case studies, and lessons learned.
- 6C. RECENT DEVELOPMENTS IN LIGHTING: SOURCES, CONTROLS, AND RESEARCH**
Paul K. Ericson, Syska Hennessy Group; Charlie Huizenga, Adura Technologies/UC Berkeley;
Francis Rubinstein, Lawrence Berkeley National Lab
Moderator: Edward Arens; Location: Robert and Ida Sproul Room B
Lighting design and controls play a crucial role in green design practice, however CBE occupant surveys show that many high-performing buildings fall short in terms of lighting satisfaction. This panel will discuss new directions in terms of promising new lighting sources, control systems and products, and recent lighting research and development.
- 2:15 pm *Afternoon Break*

2:30 pm **SPECIAL PRESENTATION:** Kevin Kampschroer, Acting Director, Office of Federal High-Performance Green Buildings, U.S. General Services Administration

3:30 pm **RESEARCH PRESENTATIONS AND DISCUSSION**

7. Advanced Integrated Systems Research Overview: *Combined UFAD/Radiant Systems, and the Brower Center and IDeAs Field Studies*
8. Visualizing Building Information: *Building User Profiles and Research Plan*
9. UFAD and Displacement Ventilation Cooling Airflow Design Tools: *New and Improved Resources for HVAC Design*
10. Human Comfort Research Program: *Comfort Modeling and Lab Testing of Personal Environmental Conditioning Systems*

5:00 pm **ADJOURN**

6:00 pm **DINNER** at Five Restaurant, Hotel Shattuck Plaza, 2086 Allston Way, Berkeley

FRIDAY, OCTOBER 23, 2009: EXECUTIVE SESSION ALUMNI HOUSE, UC BERKELEY CAMPUS

Primary Industry Partner Representatives (Two per partner firm, team or organization)

8:00 am **CONTINENTAL BREAKFAST**

8:15 am **WELCOME & ANNOUNCEMENTS**

8:30 am **DIRECTOR'S REPORT:** *CBE Director, Ed Arens*

CBE status update

9:00 am **ADVISORY BOARD MEETING:**

CBE Partner Chair, Phil Williams, Webcor; Vice Chair, Allan Daly, Taylor Engineering

1. Discussion of Executive Education Program proposed by the College of Environmental Design and the Haas School of Business
2. Review ideas for future research
3. Partner discussion
4. Confirm next Industry Advisory Board Conference, proposed for April 21-23, 2009. The April conference will include a symposium on facade design and performance at the Pacific Energy Center on Wednesday, April 21, 2010.

11:15 am **REVIEW OF EVALUATION FORMS**

12:00 pm **CLOSING OF PARTNERS MEETING**