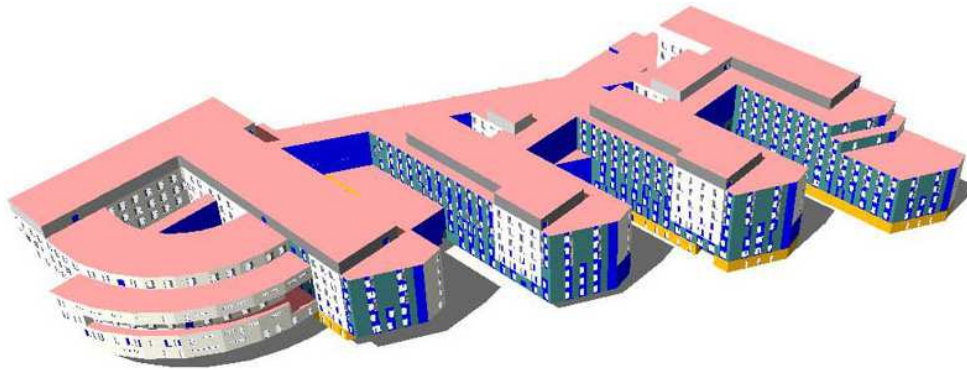


STATE-OF-THE-ART BUILDING ENERGY & CO₂ EMISSIONS



ENGINEERING, DESIGN, SIMULATION & OPTIMIZATION

DATE: Friday, 19 Jun, 2009
TIME: 11:00 am – 2:00 pm
PLACE: ENG IV 38-138

WEBINAR:
www2.gotomeeting.com/join/715667243
PHONE CONFERENCE:
Dial Number: 1.866.642.9905
Conference Code: 6107331940
Meeting ID: 715-667-243

The seminar is focused on the design and engineering of energy efficient buildings and the use of state-of-the-art simulators to dramatically reduce CO₂ emissions, energy use and operating costs, while increasing comfort.

Participants

- Local representatives from top engineering and architectural leaders and experts in efficiency design: TMAD, Arup, Morphosis, and others.
- Local top architectural firms.
- Educators involved in sustainability.
- UCLA Faculty and Professors of Mechanical, Civil and Environmental Engineering, and Architecture.
- UCLA students.

Goals

- Awareness and importance of simulation for energy conservation.
- Discussion of various models for building energy conservation.
- Presentation of Hevacomp and TAS as two software examples.
- Development of a Green Workforce of Engineers and Architects with in-depth skills and understanding of sustainability.

Note: UCLA already has a subscription to Hevacomp and TAS. The orientation will be to become familiar with an existing important resource readily available to any UCLA faculty member or personnel.

Agenda

11:30 am Gather for free organic lunch and networking.

11:45 am *Introductions*

Tom Lazear, Chairman Archway Systems, PE, MSEE UCLA.

11:50 am *Engineering and Sustainability*

Tony Pereira, UCLA ME PhD Candidate.

12:05 pm *Introduction to Building Energy Performance Software:* UK origins, DOE Energy Plus and others.

12:35 pm *Demonstration of Hevacomp and TAS*

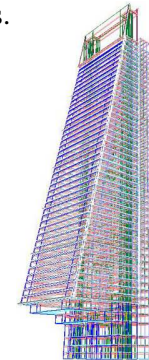
Dr. Noah Eckhouse, VP Bentley Systems.

1:15 pm *Q&A, software handouts.*

1:30 pm *Conclusion.*



www.archwaysystems.com



www.bentley.com

UCLA Faculty and Professors of Mechanical, Civil and Environmental Engineering, and Architecture, UCLA Ph.D., graduate and undergraduate students are all cordially invited. Free and open admission.

For more information, please contact Tony Pereira at apereira@ucla.edu 310.206.8157 or Prof. Anthony Mills at amills@ucla.edu.