

RCN-SEES-SHBE

Workshop 6 Theme VI



Predictive modeling network for sustainable human-building ecosystems (SHBE), an NSF funded Research Coordination Network (RCN) in SEES

Call For Workshop

Enhancing Interdisciplinary Education and Diversity in Education (Theme VI)

This NSF funded Research Coordination Network (RCN) in Science, Engineering and Education for Sustainability (SEES) is pleased to announce its sixth workshop on the theme: **Interdisciplinary Education and Diversity**. The ultimate goal of this theme and network effort is to develop an innovative education program and networks that enable the effective integration of interdisciplinary curricula, research, and education activities for students and faculty within or across institutions. This theme seeks to build a diverse student population that allows for both undergraduate and graduate student participation in related efforts.

Participants are invited to submit an abstract (~500 words) to prompt discussions and presentations for innovative ways that researchers and educators can collaborate on the following topics:

- Interdisciplinary education in architectural design, building engineering and technology, civil and environmental engineering, computer science, electrical engineering, information technologies, sociology, psychology, communication, and others.
- Models and examples of interdisciplinary or cross-institutional education and research in sustainable human-building ecosystems, occupant behavior analysis, demand response, and energy saving behaviors both in residential and commercial buildings.
- Challenges and strategies related to promoting interdisciplinary education/research.
- Challenges and strategies related to improving diversity in the engineering and science fields.
- The potential of information technologies to facilitate interdisciplinary and/or cross-institutional education.

Important Dates

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|------------------------------|----------------------|
| Workshop 6 Theme VI | Sept 30 - Oct 1 2016 |
| Abstract Submission Deadline | June 15, 2016 |
| Registration Deadline | July 31, 2016 |
| (No registration fee) | |

Submit your RSVP, Registration and/or Abstract via web at:

http://buildsim_cbpd.arc.cmu.edu:8008/RCN-SEES/

Workshop Organizers

Chair: Chien-fei Chen, University of Tennessee

Advisory Committee:

Julia Day, Kansas State University

Laura Arpan, Florida State University

Yimin Zhu, Louisiana State University

Khee Poh Lam, Carnegie Mellon University

Omer Karaguzel, Carnegie Mellon University

Yong Tao, University of North Texas

Staff Support: Erin Allice (Erin.Alice@unt.edu)

Workshop Dates

September 30, 2016 – Friday
All day workshop

Breakout sessions Roundtable discussion

October 1, 2016 – Saturday
Half day workshop

Workshop Conclusion

Workshop Venue

Hotel:

Four Points by Sheraton Knoxville

Cumberland House Hotel

Hotel group Code: RCN-SHBE

Link for Hotel Rooms:

<https://www.starwoodmeeting.com/events/start.action?id=1604216779&key=1F4B70CF>

Venue:

NSF-ERC CURENT

Department of Electrical Engineering and Computer Science

124 Min H. Kao Building
University of Tennessee