

Agenda for ARPA-E's Personal Thermal Management Systems to Reduce Building Energy Consumption

Raleigh, NC
Tuesday & Wednesday, November 12 & 13, 2013

DAY 1: Introductions

11am-1pm	REGISTRATION	Nancy Hicks, BAH	Runway (Foyer)
12pm-1pm	--- Technology Demo Session & Lunch ---		Concourse C&D
1:10	ARPA-E Introduction	Dr. Eric Rohfling, ARPA-E	Concourse C&D
1:30	Overview of Personal Thermal Management	Dr. Ping Liu, ARPA-E	Concourse C&D
2:00-2:10	--- BREAK ---		Runway (Foyer)
2:10	Building Energy Consumption & HVAC	Prof. Jim Freihaut, DOE eebHub	Concourse C&D
2:30	The Energy Benefits for Going Local	Prof. Ed Arens, Berkeley CBE	Concourse C&D
2:50	Human Physiology & Clothing	Prof. Jintu Fan, Cornell CHE	Concourse C&D
3:10-3:20	--- BREAK ---		
3:20	Modeling Physiology & Thermal Regulation	Prof. Hui Zhang, Berkeley CBE	Concourse C&D
3:40	Technology Adoption	Prof. Karen Leonas, NCSU TATM	Concourse C&D
4:00	Tech Adoption Discussion	Dr. Maurice Gunderson, GenTherm	Concourse C&D
4:30-4:40	--- BREAK ---		Runway (Foyer)
4:40-6:15	Attendee quad chart presentations (7 min for each technology pitch)	Breakout Groups	Control Rm, Concourse C,D&E
6:30	NO HOST EVENT: Please join us for Embassy Suites' complimentary Manager's reception in the Hotel Atrium		



DAY 2: Discussions

Pre-8am*	BREAKFAST ON YOUR OWN*		Hotel Dining Room*
8:00-9:30	Breakout Cont'd: Building a program pitch.		Concourse C,D&E
9:30-9:45	--- BREAK ---		Runway (Foyer)
9:45-11:10	Breakout Readout: Present program pitches	ARPA-E Program Directors	Concourse C&D
11:10-Noon	Closing Discussions: Priority list of technological topics	Dr. Ping Liu, ARPA-E	Concourse C&D
12:00pm	--- LUNCH ---		
1:00-5:00pm	Tour of the Non-Woven Institute: Includes travel to and from Centennial Campus	Please collect in the main hotel lobby at least 15 minutes prior to the 1pm departure.	

* Embassy Suites includes a complimentary cooked-to-order breakfast each morning, so please visit the hotel's dining room before coming to the workshop.