

Workshop: Interdisciplinary Frontiers of Designing Engineering Material Systems



College Station, TX

18-19 July 2016

<http://d3em.tamu.edu/interdisciplinary-frontiers-workshop-2016/>

AGENDA

Day 1: Monday 18 July 2016		
7:45	(Approx. time) Bus departs Aloft College Station	
8:00	Sign-in and breakfast	Presidential Dining Room
8:45	Welcome message from Narashima Reddy, Associate Dean for Research, College of Engineering	Presidential Dining Room
9:00	Welcome and workshop instructions, Richard Malak, Texas A&M University	Presidential Dining Room
9:15	Break / Move to meeting room	
9:20	BREAKOUT 0 ⁺ : Materials Design Problem Setup Exercise	Room 1011
9:50	Break	Room 1011
9:55	Report out / Discussion from Breakout 0	Room 1011
10:15	Plenary 1: Chris Paredis, Georgia Institute of Technology "Design of Engineering Material Systems from an Engineering Design Perspective"	Room 1011
11:00	Plenary 2: Surya Kalidindi, Georgia Institute of Technology "Integration of Materials Knowledge into Design: Challenges and Opportunities"	Room 1011
11:45	Lunch & Plenary 3: Maura Borrego, University of Texas "Individual and Institutional Strategies for Enabling Interdisciplinary Graduate Research and Training Programs"	Presidential Dining Room
1:00	BREAKOUT 1: Research Opportunities and Challenges in the Design of Material Systems	Room 1011
1:45	Break	Room 1011
2:00	Report out on Breakout 1	Room 1011
2:30	BREAKOUT 2: Evidence and Research Techniques in the Design of Material Systems	Room 1011
3:15	Break	Room 1011
3:30	Report out on Breakout 2	Room 1011
4:00	BREAKOUT 3: Foundational Knowledge and Concepts for the Design of Material Systems	Room 1011
4:45	Break	Room 1011
5:00	Report out on Breakout 3	Room 1011
5:30	Free time and/or self-guided tour of George H.W. Bush Presidential Library	
6:00	Reception	The Rotunda
6:30	Banquet	The Rotunda
8:00	(Approx. time) Bus departing Bush Presidential Library	

*Breakout sessions will take place in groups of 6-8 people. Groups are pre-assigned, so please make note of your group assignment and sit at the corresponding roundtable.

Day 2: Tuesday 19 July 2016

8:00	(Approx. time) Bus departs Aloft College Station	
8:15	Breakfast	Presidential Dining Room
8:45	Plenary 4: Mary Toney & Kara Peters, National Science Foundation "The DEMS Program at NSF"	Presidential Dining Room
9:00	BREAKOUT 4: Making the Research Happen	Room 1011
9:45	Break	Room 1011
10:00	Report out on Breakout 4	Room 1011
10:30	BREAKOUT 5: Guidelines for Research Evaluation and Validation	Room 1011
11:15	Break	Room 1011
11:30	Report out on Breakout 5	Room 1011
12:00	Lunch & Plenary 5: Raymundo Arroyave, Texas A&M University "Building Interdisciplinarity from the Bottom Up: Transforming Graduate Education in Materials & Design"	Presidential Dining Room
1:00	BREAKOUT 6: Professional Development Pathways	Room 1011
1:45	Break	Room 1011
2:00	Report out on Breakout 6	Room 1011
2:30	Open Discussion: Pathway to a Sustainable Interdisciplinary Community	Room 1011
3:00	Adjourn	Room 1011
3:15	(Approx. time) Bus departs Annenberg for Aloft	