

Gordon Conference on Physics Research and Education: Experimental Research and Labs in Physics Education

Preliminary Program

- Session 1: Sunday Evening, June 6.
Topic: Undergraduate Research
Discussion Leader: John Mateja, Murray State University
Speakers:
 - Peter Collings, Swarthmore College
 - Jerry Gollub, Haverford College

- Session 2: Monday Morning, June 7
Topic: Upper-level Labs
Discussion Leader: Bob DeSerio, University of Florida
Speakers:
 - Mark Masters, Indiana University-Purdue University Fort Wayne
 - Nilgun Sungar, California Polytechnic State University
 - Mark Beck, Whitman College

- Session 3: Monday Evening, June 7
Topic: Experiments, Simulations and Modeling
Discussion Leader: DJ Wagner, Grove City College
Speakers:
 - Priscilla Laws, Dickinson College
 - Fred Goldberg, San Diego State University

- Session 4: Tuesday Morning, June 8
Topic: Advanced Lab
Discussion Leader: Gabriel Spalding, Illinois Wesleyan University
Speakers:
 - John Brandenberger, Lawrence University
 - Alma Zook, Pomona College
 - Dick Peterson, Bethel College

- Session 5: Tuesday Evening, June 8
 Topic: Panel: Hands-on Experiments for Diverse Populations
 Discussion Leader: Daniel Smith, South Carolina State University
 Speakers:
 - Pratibha Jolly, University of Delhi
 - Jim Nelson, Physics Teaching Resource Agents
 - Keivan Stassun, Vanderbilt University

- Session 6: Wednesday Morning, June 9
 Topic: Innovative Labs and Approaches
 Discussion Leader: David Jackson, Dickinson College
 Speakers:
 - Joseph Amato, Colgate University
 - Matthew Lang, Massachusetts Institute of Technology
 - Jan-Peter Meyn, University of Erlangen-Nurnberg

- Session 7: Wednesday Evening, June 9
 Topic: Frontiers in Experimental Physics
 Discussion Leader: Ann Silversmith, Hamilton College
 Speakers:
 - Sara Eno, University of Maryland
 - Charlie Johnson, University of Pennsylvania

- Session 8: Thursday Morning, June 10
 Topic: Labs and Conceptual Learning
 Discussion Leader: Homeyra Sadaghiani, California State University – Pomona
 Speakers:
 - Dean Zollman, Kansas State University
 - John Belcher, Massachusetts Institute of Technology
 - MacKenzie Stetzer, University of Washington

- Session 9: Thursday Evening, June 10
 Topic: Keynote Session: Mentoring Through Research
 Discussion Leader: Mel Sabella, Chicago State University
 Speakers:
 - Eric Mazur, Harvard University
 - Hideo Mabuchi, Stanford University