

2008 Workshop Schedule

Thursday, June 26

- 11:00 am **Workshop Registration – Hilton Garden Inn, Greenbelt Park**
Azalea Ballroom Foyer
- 1:00-2:30 pm **Optional Workshop on Grant Writing**
NSF Program Officers
Azalea Ballroom
- 2:30-3:30 pm **Optional Workshop: Funding Opportunities at Research Corporation**
Richard Wiener, Research Corporation
Azalea Ballroom
- 3:30-4:00 pm **Break – Azalea Ballroom**
- 4:00-4:15pm **Welcome and Opening Remarks**
Robert Hilborn,
University of Texas at Dallas
Chair, New Physics and Astronomy Faculty Workshop
- Charles Holbrow
AAPT Executive Officer
- Judy Franz
APS Executive Officer
- Kevin Marvel
AAS Executive Officer
- 4:15-6:15 pm **Large Group Session I**
"Research in Physics Education: A resource for improving student learning"
Lillian C. McDermott, Peter S. Shaffer, and MacKenzie R. Stetzer,
Department of Physics, University of Washington
- 6:15-7:05 pm **Large Group Session II**
"Introduction to Peer Instruction"
Eric Mazur, Balkanski Professor of Physics and of Applied Physics, Harvard University
- 7:15-8:15 pm **Dinner – Azalea & Dogwood Ballroom**

Friday, June 27

- 6:00-7:45 am **Breakfast – Great American Grill, Hilton Garden Inn**
- 8:00 am **Shuttle bus leaves for American Center for Physics**

- 8:30-9:20 am **Large Group Session III**
"Peer Instruction Workshop"
Eric Mazur, Balkanski Professor of Physics and of Applied Physics, Harvard University
Conference Room A
- 9:30-10:20 am **Large Group Session IV**
"Active Learning with Interactive Lecture Demonstrations"
David Sokoloff, University of Oregon
Ronald Thornton, Tufts University
Conference Room A
- 10:20-10:40 pm **Refreshment Break – ACP Rotunda**
- 10:40-11:30 am **Small Group Sessions**
Teaching and Modeling using Physlets and Open Source Physics (I)
Ann Cox and Mario Belloni, Davidson College
Conference Room A
Active Learning with Real Time Physics and Interactive Lecture Demonstrations (II) - David Sokoloff and Ron Thornton
Conference Room B
Digital Libraries (III) - Bruce Mason, University of Oklahoma
Conference Room C
- 11:30-12:20 pm **Small Group Sessions**
Physlets and Open Source Physics (III)– Conference Room A
Real Time Physics (I) – Conference Room B
Digital Libraries (II) – Conference Room C
- 12:30-1:30 pm **Lunch – ACP Cafeteria**
- 1:30-2:20 pm **Small Group Session**
Physlets and Open Source Physics (II) – Conference Room A
Real Time Physics (III) – Conference Room B
Digital Libraries (I) – Conference Room C
- 2:30-3:20 pm **Large Group Session V**
"Learner-Centered Teaching in Physics and Astronomy"
Edward Prather, University of Arizona
Conference Room A
- 3:30-4:00 pm **Refreshment Break – ACP Rotunda**
- 4:00-4:50 pm **Large Group Session VI**
"Assessment and Evaluation"
Karen Cummings, Southern Connecticut State University
Conference Room A
- 5:00-5:45 pm **Small Group Sessions**
B.S. Granting Institutions – Conference Room C
M.S. Granting Institutions – Conference Room B
Ph.D. Granting Institutions – Conference Room A

- 6:00-7:00 pm **Dinner** – ACP Cafeteria
- 7:00-8:30 pm ***"The Physics IQ Test"***
Richard Berg, University of Maryland
Conference Room A

Saturday, June 28

- 6:00-7:30 am **Breakfast** – Great American Grill, Hilton Garden Inn
- 7:45 am **Shuttle bus leaves for American Center for Physics**
- 8:15-8:30am **Administrative Matters**
Bob Hilborn
Conference Room A
- 8:30-9:20am **Large Group Session VII**
"How to Get Your Students to Prepare for Every Class"
Evelyn Patterson, U.S. Air Force Academy
Conference Room A
- 9:30-10:15am **Small Group Sessions**
Introductory Physics (I) – Conference Room A
Astronomy (II) – Conference Room B
Upper-level Physics (III) – Conference Room C
- 10:15-10:30 **Break** – ACP Rotunda
- 10:30-11:15am **Small Group Sessions**
Introductory Physics (III) – Conference Room A
Astronomy (I) – Conference Room B
Upper-level Physics (II) – Conference Room C
- 11:15-Noon **Small Group Sessions**
Introductory Physics (II) – Conference Room A
Astronomy (III) – Conference Room B
Upper-level Physics (I) – Conference Room C
- 12:00-1:00 pm **Lunch** – ACP Cafeteria
- 1:00-1:50 pm **Large Group Session VIII**
"Help Your Students Develop Expertise in Problem Solving"
Ken Heller, University of Minnesota
Conference Room A
- 2:00-2:50 pm **Small Group Sessions**
QuiLT: Quantum Interactive Learning Tutorials (I) – Conference Room A
Chandralekha Singh, University of Pittsburgh
Problem Solving (II) – Conference Room B
Ken Heller, University of Minnesota
Tenure Matters and Time Management (III) – Conference Room C

- Bob Hilborn and others
- 3:00-3:30 pm **Refreshment Break** – ACP Rotunda
- 3:30-4:20 pm **Small Group Sessions**
Quantum Interactive Learning Tutorials (II) – Conference Room A
Problem Solving (III) – Conference Room B
Tenure Matters and Time Management (I)– Conference Room C
- 4:30-5:20 pm **Small Group Sessions**
Quantum Interactive Learning Tutorials (III) – Conference Room A
Problem Solving (I) – Conference Room B
Tenure Matters and Time Management (II)– Conference Room C
- 5:30-6:00 pm **Reception** – ACP Rotunda
- 6:00-7:30 pm **Dinner** – ACP Cafeteria

Sunday, June 29

- 7:00-8:45 am **Breakfast** – Great American Grill, Hilton Garden Inn
- Hotel Check-Out**
- 8:45 am **Shuttle bus leaves for American Center for Physics**
- 9:15-9:30am **Administrative Details**
Conference Room A
- 9:30-11:30am **Large Group Session IX**
"Making a Difference: Teaching for Retention"
Jim Stith, American Institute of Physics
Conference Room A
- 11:30-Noon **Final Summary, Evaluations and Adjournment**