

SM11 Session Titles

TYPE	Committee	Session Title	ORGANIZER
Inv/Con	Committee on Physics in Two-Year Colleges	Adjunct Faculty Issues	Dennis Gilbert
Inv/Con	Committee on Physics in High Schools	Alternative Assessments and Practicums	Pat Callahan
Inv/Con	Committee on Physics in Undergraduate Education	Assessment Beyond Conceptual Inventories	Aaron Titus
Inv/Con	Committee on Space Science and Astronomy	Astronomical Image Processing	David Klassen
Con	Committee on Educational Technologies	Best Practices in the Use of Educational Technologies	Ezrailson, Cathy
Inv	Committee on Educational Technologies	Best Practices in the Use of Educational Technologies	Gavrin, Andy
Panel	Committee on Women in Physics	Building Community in Physics Departments	Anne Cox
Ckrbrl	Committee on Research in Physics Education	Crackerbarrel for PER Graduate Students	Meghan West
Ckrbrl	Committee on Physics in Two-Year Colleges	Crackerbarrel on Adjunct Issues	Paul Williams
Ckrbrl	Committee on Science Education for the Public	Crackerbarrel on Physics and Society Education	Art Hobson
Ckrbrl	Committee on History and Philosophy in Physics	Crackerbarrel: Ideas and Resources for Using History to Teach Physics	Hugh Henderson
Ckrbrl	Committee on Space Science and Astronomy	Crackerbarrel: Using Simulations Interactively in the Classroom	Kevin Lee
Con	Committee on Women in Physics	Cross Campus Collaboration: What I Learned From the Liberal Arts About Teaching Physics	Stephanie Magleby
Inv/Con	Committee on Teacher Preparation	Developing a Network of Cooperating Teachers	Duane Merrell
Inv/Con	Committee on Teacher Preparation	Developing Teacher Leaders	Jon Anderson
Inv/Con	Committee on Educational Technologies	Digital Textbooks: Possibilities and Perils	Stokes, Harold
Inv/Con	Committee on Physics in High Schools	Don't Put That Phone Away: Personal Electronics in the Classroom	Nina Daye, Steve Peroni
Panel	Committee on Science Education for the Public	Educating the Larger Public About Science: Lessons from Public Institutions	Paul Nienaber
Inv	Committee on Science Education for the Public	Energy and the Environment	Richard Flarend
Posters	Committee on Physics in Two-Year Colleges	Favorite Activities from the TYC Classroom	Dwain Desbien

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Inv/Con	Committee on History and Philosophy in Physics	Great Communicators in the History of Physics: From Galileo to the Present	Hugh Henderson
Inv/Con	Committee on Educational Technologies	High Performance Computing	Joiner, David
Con	Committee on Physics in High Schools	High School Sharathon	Jan Mader Larry Escalada
Ckrbrl	Committee on History and Philosophy in Physics	History and Philosophy of Physics Crackerbarrel	Hugh Henderson
Panel	Committee on Professional Concerns	Impact of New K-12 Standards on Teachers and Teacher Training	Elaine Gwynn
Inv	Committee on Space Science and Astronomy	Indigenous Astronomy	Tom Foster
Inv/Con	Committee on Teacher Preparation	Induction and Mentoring of Physics Teachers	Monica Plisch
Con	Committee on Space Science and Astronomy	Innovations in Teaching Astronomy	Stacy Palen
Con	Committee on Laboratories	Innovative Labs for Introductory Courses	Mary Ann Hickman Klassen
Inv/Con	Committee on Educational Technologies	Interactive Lecture Demonstrations: Physics Suite Materials that Enhance Learning in Lecture	Sokoloff, David
Inv/Con	Committee on Laboratories	Laboratories for Astronomy	Mary Ann Hickman Klassen
Inv/Con	Committee on Physics in Pre-High School Education	Learning Progressions	Vivian O'Brien
Inv	Committee on Physics in Undergraduate Education	Major Consequences of Minor Dishonesty in Physics Classes	Mary Lowe (primary), David Pritchard (co-organizer)
Inv/Con	Committee on Physics in Undergraduate Education	Methods to Improve Conceptual Learning in Quantum Mechanics	Mario Belloni
Con	Committee on Physics in Undergraduate Education	My Experience as Learning Assistant	Gary White
Con	Committee on Space Science and Astronomy	Myths and Miscommunications about the Universe	Spencer Buckner
Inv	Committee on Physics in High Schools	New AP B Where Are You?	Martha Lietz
Panel/Con	Committee on Educational Technologies	New Avenues for Collaboration and Mentoring	Scott Schultz
Ckrbrl	Committee on Physics in High Schools	New Methods of Teacher Evaluation	Jan Mader

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Panel/Posters	Committee on Graduate Education in Physics	Objectives and Assessment of the Physics Graduate Program	Juan Burciaga
Con	Committee on Physics in High Schools	PER in the High School	Daniel Crowe
Inv	Committee on Research in Physics Education	PERC Bridging Session	Elizabeth Gire
Inv/Con	Committee on Science Education for the Public	Physics and Society Education	Art Hobson
Inv/Con	Committee on Physics in Two-Year Colleges	Physics Courses With Labs Taught Entirely On-Line	Tom Carter
Inv/Con	Committee on International Physics Education	Physics Education Research Around the World	Genaro Zavala
Inv/Con	Committee on Physics in Undergraduate Education	Physics of Sports	Bruce Mason
Inv/Con	Committee on Apparatus	PIRA: Outreach from the Ground Up	Ramesh Sathappan
Inv/Con	Committee on Teacher Preparation	Potpourri of Teacher Preparation Programs	Taha Mzoughi
Inv	Committee on Physics in Undergraduate Education	Preparing Minority Students for Graduate School	Mary Lowe (primary), Ted Hodapp (co-organizer)
Ckrbrl	Committee on Professional Concerns	Professional Concerns of Faculty in Small Departments	Dyan McBride
Ckrbrl	Committee on Research in Physics Education	Professional Concerns of PER Solo Faculty	Steven Maier
Inv/Con	Committee on Teacher Preparation	Recruiting Students to High School Physics	Gabe Popkin
Inv/Con	Committee on Laboratories	Reflections on the Gordon Conference on Experimental Research and Labs in Physics Education	Kiko Galvez
Inv/Posters	Committee on Physics in Undergraduate Education	Reforming the Introductory Physics Course for Life Science Majors V	Juan Burciaga
Inv	Committee on Physics in High Schools	Research Based Pedagogy in the High School	Daniel Crowe
Inv	Committee on Research in Physics Education	Research in Undergraduate Math Education	John Thompson
Inv	Committee on Research in Physics Education	Research on Student Learning Of Energy	Paula Heron
Con	Committee on Physics in Two-Year Colleges	Simulated Learning	David Weaver
Panel	Committee on Physics in Undergraduate Education	Spacetime Physics	Wolfgang Christian
Con	Committee on Physics in Undergraduate Education	SPS Undergraduate Research and Outreach	Gary White

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Posters	Committee on Physics in Undergraduate Education	SPS Undergraduate Research and Outreach (Posters)	Gary White
Inv/Con	Committee on International Physics Education	Teaching Physics Around the World	Andrew Crouse
Inv	Committee on Physics in Undergraduate Education	The Art and Science of Teaching	Ray A. Burnstein
Inv/Con	Committee on Women in Physics	The Big Bang Effect: Representation of Physicists in Popular Culture	Jacob Clark Blickenstaff
Inv/Con	Committee on Laboratories	Upper Division Laboratories: Ideas, Equipment and Techniques	Eric Ayars
Inv/Con	Committee on Apparatus	Use and Misuse of Lasers	Sam Sampere
Con	Committee on Physics in Pre-High School Education	Use of Technology to Support Learning in the Pre-High School Classroom	Diane Riendeau
Con	Committee on Physics in High Schools	Using Literature to Teach Physics	Jan Mader
Inv	Committee on Graduate Education in Physics	What Defines a Physics Ph.D.?	Marianne Breinig
Con	Committee on Educational Technologies	What Do We Know About Web 2.0?	Steiner, Robert