

Title	Submitting Committee	Committee	Type
Tesla Coils	Committee on Apparatus		Inv/Con
PIRA Session: Biophysics demos and apparatus	Committee on Apparatus		Inv/Con
Photographic Techniques New and Old	Committee on Apparatus		Inv/Con
Increasing Access to Grad School	Committee on Diversity in Physics		Inv/Con
Best Practices for Online Education	Committee on Educational Technologies	Committee on Physics in Two-Year Colleges	Inv/Con
Best Practices in Educational Technology I	Committee on Educational Technologies		Inv
Best Practices in Educational Technology II	Committee on Educational Technologies		Con
MOOCs go to High School	Committee on Educational Technologies	Committee on Physics in High Schools	Inv
PER using MOOCs	Committee on Educational Technologies	Committee on Research in Physics Education	Panel

Digital Library Resources for Teaching Physical Science	Committee on Educational Technologies		Inv
iOS and Android App Show	Committee on Educational Technologies		Topical
Strategies for Sharing Learning Management System Resources	Committee on Educational Technologies		Con
Sustaining Thriving Physics Graduate Programs by Embracing Challenges and Opportunities in the 21st Century	Committee on Graduate Education in Physics	Committee on Physics in Undergraduate Education	Inv
Graduate Student Topical Discussion	Committee on Graduate Education in Physics	Committee on Research in Physics Education	Topical
Professional Skills for Graduate Students	Committee on Graduate Education in Physics	Committee on Research in Physics Education	Panel
History of Physics in Other (non-European) Cultures	Committee on History and Philosophy in Physics	Committee on International Physics Education	Inv
Finding Resources in History of Physics Suitable for Classroom Use	Committee on History and Philosophy in Physics	Committee on the Interests of Senior Physicists	Inv
Best of European Projects	Committee on International Physics Education	Committee on Physics in Undergraduate Education	Inv

Teaching Physics in an IB School	Committee on International Physics Education	Committee on Physics in High Schools	Inv/Con
Lab Guidelines Focus Area 1: Constructing Knowledge	Committee on Laboratories	Committee on Research in Physics Education	Inv/Con
Soft Matter Labs	Committee on Laboratories	Committee on Graduate Education in Physics	Inv/Con
Developing Experimental Skills in the Laboratory	Committee on Laboratories		Inv/Con
Technology in the Physical Science Classroom	Committee on Physics in High Schools	Committee on Educational Technologies	Inv/Con
LHC in the Classroom	Committee on Physics in High Schools	Committee on International Physics Education	Inv/Con
K-12 PER	Committee on Physics in High Schools	Committee on Research in Physics Education	Inv/Con
Preparing to Teach Physics to the Next Generation	Committee on Physics in High Schools	Committee on Physics in Pre-High School Education	Inv/Con
Transitioning to AP 1 & 2	Committee on Physics in High Schools		Panel
Juggling Multiple Science Preps	Committee on Physics in High Schools		Con

Mechanics Modeling Meets the New AP Physics I	Committee on Physics in High Schools		Inv/Con
Make, Play and Learn	Committee on Physics in Pre-High School Education	Committee on Physics in High Schools	Panel
Carnival Knowledge	Committee on Physics in Pre-High School Education		Inv
Communication Difficulties with Students	Committee on Physics in Two-Year Colleges		Topical
Integrating Computational Physics at the Introductory Level	Committee on Physics in Two-Year Colleges	Committee on Educational Technologies	Inv/Con
Innovative Engagement Strategies for Lecture Classes	Committee on Physics in Two-Year Colleges		Con
Do you Want to Teach at a Community College?	Committee on Physics in Two-Year Colleges		Inv
The Art and Science of Teaching	Committee on Physics in Undergraduate Education		Inv

Teaching and Learning in Upper Division Physics: Optics	Committee on Physics in Undergraduate Education		Inv/Posters
Undergraduate Research and Capstone Projects	Committee on Physics in Undergraduate Education		Inv/Con
Innovation and Entrepreneurship	Committee on Physics in Undergraduate Education		Con
Bringing Physics to Life	Committee on Physics in Undergraduate Education		Inv/Posters
Teaching Sustainability in the Majors Curriculum	Committee on Physics in Undergraduate Education		Inv
Improving Students' Problem Solving, Reasoning, and Metacognitive Skills	Committee on Physics in Undergraduate Education	Committee on Research in Physics Education	Inv
Assessment Methods and Issues	Committee on Physics in Undergraduate Education	Committee on Research in Physics Education	Panel
Solo PER Faculty	Committee on Professional Concerns	Committee on Research in Physics Education	Topical

Succeeding as a Solo Physics Education Researcher	Committee on Professional Concerns		Panel
Interactions of Gender and STEM Environments	Committee on Research in Physics Education		Inv/Con
Interactive Lecture Demonstrations – What’s New? ILDs Using Clickers and Video Analysis	Committee on Research in Physics Education	Committee on Educational Technologies	Inv/Con
Research on Teamwork	Committee on Research in Physics Education		Inv/Con
Retention and Representation Programs	Committee on Research in Physics Education	Committee on Diversity in Physics	Inv
PER in the Upper Division	Committee on Research in Physics Education	Committee on Physics in Undergraduate Education	Inv/Con
Physics Education Policy	Committee on Research in Physics Education	Committee on Science Education for the Public	Panel
Coordinating Outreach with Community Science Centers	Committee on Science Education for the Public		Inv/Con
Physics On the Road: An Introduction	Committee on Science Education for the Public		Topical
Physics and Society	Committee on Science Education for the Public		Topical

Al Bartlett Memorial Session	Committee on Science Education for the Public		Inv
Recruiting, Retaining and Outreach to Underrepresented High School Teachers	Committee on Science Education for the Public	Committee on Diversity in Physics	Inv/Con
Frontiers in Astronomy	Committee on Space Science and Astronomy		Inv
Astronomy in the Physics Classroom	Committee on Space Science and Astronomy		Inv/Con
Web Resources for Teaching Astronomy	Committee on Space Science and Astronomy		Topical
Research on Extra Solar Planets	Committee on Space Science and Astronomy		Inv
Adapting the Teacher In Residence (TIR) role to Local Contexts	Committee on Teacher Preparation		Inv/Con
First Year Physics Teachers: Insights & Experiences	Committee on Teacher Preparation		Panel
Mentoring and Induction of Entering Physics Teachers	Committee on Teacher Preparation		Inv/Con

Effective Practices in Physics Teacher Preparation	Committee on Teacher Preparation		Inv/Con
Publishing Physics Textbooks: Old and New	Committee on the Interests of Senior Physicists	Committee on History and Philosophy in Physics	Inv/Con
Improving Departmental Climate for Women and Under-represented Ethnic Groups	Committee on Women in Physics	Committee on Research in Physics Education	Inv
Attracting Women to Physics and Girls to Science: What is Working?	Committee on Women in Physics	Committee on Physics in Pre-High School Education	Inv/Con
ADVANCE Grants: Increasing the Participation of Women in Physics	Committee on Women in Physics	Committee on Professional Concerns	Inv/Con
What's Working in Other Disciplines: Recruitment and Retention	Committee on Women in Physics	Committee on Space Science and Astronomy	Inv
PERC Bridging Session	PER		Inv
PERTG Town Hall	PERTG		Topical
SPS Undergraduate Research and Outreach Poster Session	SPS		Posters

Sessions are subject to change or cancellation.