

Session Title	Submitting Committee
Avenues for Publishing in Astronomy Education	Committee on Space Science and Astronomy
Frontiers in Astronomy	Committee on Space Science and Astronomy
Preparing the Community for the August 21st Solar Eclipse	Committee on Space Science and Astronomy
Multi-Messenger Astronomy in the Age of GR and Gravitational Waves	Committee on Space Science and Astronomy
Improving Student Learning With the Use of Popular Media	Committee on Space Science and Astronomy
Supporting Equity through Group Work and Collaboration	Committee on Diversity in Physics
PER-Based Innovations in Upper Division Physics Classes	Committee on Physics in Undergraduate Education
PER Innovations for Reducing DFW Rates and Improving Retention in Introductory Physics Sequences	Committee on Physics in Undergraduate Education
Learning Outcomes and Assessment in the IPLS Course	Committee on Physics in Undergraduate Education
New Developments in Introductory Physics for Life Science Dissemination	Committee on Physics in Undergraduate Education
Results of a Comprehensive National Survey of the Uses of Computation in Undergraduate Physics Programs	Committee on Physics in Undergraduate Education
The Art and Science of Teaching	Committee on Physics in Undergraduate Education
Jupyter: VPython/GlowScript	Committee on Physics in Undergraduate Education
Phys21	Committee on Physics in Undergraduate Education
Best Practices in Educational Technology	Committee on Educational Technologies
Effective Practices in Educational Technology	Committee on Educational Technologies
Educational Applications of Drones, Augmented/Virtual Reality, and Other Emerging Technologies	Committee on Educational Technologies
Use of Online Presence to Enhance Instruction	Committee on Educational Technologies
Developing and Using Next-Generation Simulations	Committee on Educational Technologies
Effective Practices for Integrating Computation in Undergraduate Physics	Committee on Educational Technologies
Cultural Perspectives on Educational Technology	Committee on Educational Technologies
conFUSION about Units: Mass/Weight, Weightlessness and Others	Committee on the Interests of Senior Physicists

Modeling Instruction at All Levels	Committee on Physics in High Schools
K-12 PER	Committee on Physics in High Schools
Teaching AP Physics with Big Ideas, Writing, & Calculations	Committee on Physics in High Schools
NGSS Evidence Statements	Committee on Physics in High Schools
Coping Mechanisms for Physics Students from Underrepresented Groups	Committee on Diversity in Physics
Creating Inclusive Diverse Classrooms	Committee on International Physics Education
Citizen Science and International Collaboration	Committee on International Physics Education
Making Change through Science Policy	Committee on Women in Physics
PERTG Town Hall	AAPT PERTG
PERC Bridging Session	AAPT PER
Research on the Impacts of the Learning Assistant Model	Committee on Research in Physics Education
Graduate Student Topical Discussion	Committee on Research in Physics Education
Professional Skills for Graduate Students	Committee on Research in Physics Education
Interactive Lecture Demonstrations: Whats New? ILDs Using Clickers and Video Analysis	Committee on Research in Physics Education
The Use of IOLab for Introductory Laboratory Reform	Committee on Research in Physics Education
Engineering Education	Committee on Research in Physics Education
The Physics of the NSF IUSE Program	Committee on Research in Physics Education
Solo PER	Committee on Research in Physics Education
Climate Change	Committee on Science Education for the Public
Optics Labs at All Levels: Rainbows to Raman Spectroscopy	Committee on Laboratories
Lab Recommendations Focus Area 5: Technical and Practical Skills	Committee on Laboratories
Designing Labs with Low-Cost Embedded Computers: Raspberry PI, BeagleBone, and Galileo	Committee on Laboratories
Writing in HS Physics Classes	Committee on Physics in High Schools
Make, Play, Learn	Committee on Physics in Pre-High School Education
Electricity, Energy, and Particles: Squishy Circuits, Scribble Bots, and the Particle Zoo	Committee on Physics in Pre-High School Education
Opportunities for K-12 Teacher Leadership and Engagement	Committee on Physics in Pre-High School Education
Constructing Learning Cycles Using the Evidence Statements of the NGSS	Committee on Physics in Pre-High School Education
Multiple Career Paths in PER	Committee on Graduate Education in Physics
Neutrino Physics Investigations for Students and Teachers	Committee on Modern Physics
Going Public: How to Get Published	Committee on Physics in Two-Year Colleges
Highlights of TYC New Faculty Experience	Committee on Physics in Two-Year Colleges

Current Space/Astronomy/Physics News Used in the Classroom	Committee on Physics in Two-Year Colleges
Impact and Reflections on the 20+ years of TYC Physics Workshop Projects	Committee on Physics in Two-Year Colleges
Adjunct Faculty	Committee on Physics in Two-Year Colleges
Developing Successful Mentoring Relationships	Committee on Women in Physics
Science and Religion	Committee on History and Philosophy in Physics
History and Philosophy in Physics Courses	Committee on History and Philosophy in Physics
Physicists with Disabilities	Committee on Professional Concerns
Survival Skills for New High School Teachers	Committee on Professional Concerns
Panel on First Year Teacher Concerns	Committee on Professional Concerns
Panel on Public Affairs - Physics Teacher Recruitment	Committee on Professional Concerns
Race and Gender Performance Gaps: Problems and Alternatives	Committee on Research in Physics Education
Research on Physics Teacher Preparation	Committee on Teacher Preparation
30 Demos in 60 Minutes	Committee on Teacher Preparation
Innovative Models of Physics Teacher Preparation	Committee on Teacher Preparation
Designing Curriculum for Social Justice in the HS Physics Classroom	Committee on Physics in High Schools
Exciting Demos & Equip in E&M	Committee on Apparatus
PIRA Session - 3D Printing in Labs and Demonstrations	Committee on Apparatus
SPS Undergraduate Research and Outreach Poster Session	AAPT SPS
Defining Units: Old and New	Committee on the Interests of Senior Physicists

Co-Sponsoring Committee
Committee on Science Education for the Public
Committee on Science Education for the Public
Committee on Women in Physics
Committee on Research in Physics Education
Committee on Research in Physics Education
Committee on Educational Technologies
Committee on Graduate Education in Physics
Committee on Research in Physics Education
Committee on Apparatus
Committee on International Physics Education

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