2019 AAPT Winter Meeting Session Topics
(All session topics are subject to change)

- 100 Years of Experimental Relativity
- 30 Demos in 60 Minutes
- 3-D Printing
- A Day at a School, K-12
- Approaches to Recruiting Women in Physics
- Assessing the Effectiveness of Laboratory Curricula
- Assessment Practices in Introductory Courses for the Life Sciences
- Astronomy Educations Research
- Best Practice in Preservice Teacher Preparation
- Best Practices in Educational Technology
- Drones and VR: Examples of Emerging Educational Technologies Across the World
- Early Career Teacher Experiences - Voices from the Field
- Effective Practices in Educational Technology
- First Billion Years of a Solar System
- Focus on Planetary Exploration
- Free & Open Source Tools for Teaching Physics
- Frontiers Session: Living and Working in the Space Beyond Earth
- Gender Considerations in the Laboratory
- Goals and Assessment for Computational Work in Physics Classes
- Graduate Student Topical Session
- Hands-on Outreach
- History of Space Science Outreach
- Implementing Research-based Instructional Strategies
- Innovations in Teaching Analytical Mechanics
- Integrating Computation Into Laboratories at All Levels
- Integrating computational imaging in the Laboratory
- Integration of Computation into the Curriculum on the Departmental Scale
- Interactive Lecture Demonstrations: Whats New? ILDs Using Clickers and Video Analysis
- Interdisciplinary Courses
- Introducing Computation into Introductory Physics Classes
• John Hubisz: Celebrating 59 Years of AAPT Distinguished Service
• K-12 Ideas from PTRA, PIRA, ALPHA
• Making Out-of-School STEM Welcoming Across Languages
• Math Foundations for Introductory Physics and Help for Struggling Students
• Medical Physics and Technology
• My Favorite Demo that Works - How & Why?
• Ordering of Topics
• PER and Student Motivation: Beyond Single Course Content
• PER in Latin America and at Hispanic-Serving Institutions in the US
• Physics at Hispanic Serving Institutions (HSIs): Challenges and Opportunities
• Physics on the Road
• Physics Outreach for Underserved Populations
• Physics Teacher Preparation in Different Countries throughout the World
• PhysTEC in 50 States
• Professional Skills for Graduate Students
• PTRA: A Holistic Approach to Physics Instruction: Integrating Common Core Mathematics Standards, Common Core ELA and NGSS in a 5 E Learning Cycle
• Recruiting Physics Teachers: Research and Best Practices
• Results from the First Safe Space for People of Color Meeting In PERC
• Science Cafe/Nerd Night: Scientists Engage the Public in Casual Settings
• Space Center Field Trip
• Space Science in Introductory Courses
• SPS Undergraduate Oral Talks
• SPS Undergraduate Research and Outreach Poster Session
• Student-ready Programs vs. College-ready Students
• Success Stories of Female Physicists
• Successful Online Astronomy Labs
• Teachers-in-Residence 3.0 - the Updated TIR
• Teaching with Data: Multi-messenger Astronomy
• The Impact of Policy and/or Regulations on Access to Higher Education in STEM Fields
• The Living Physics Course: New Ideas and Old Tricks
• The New Advanced Laboratory
• The Physics of Extreme Mineral Exploration
• The Wonderful World of AJP
• Use of Video in Preservice/Inservice Teacher Development
- Using Mass Media to Help Teach Physics
- UTeach at 20 years