

Session Tracks

Here are some suggestions based on broader topics. For a more detailed list, please reference the program book.

Astronomy

AD: Frontiers of Space Science & Human Space Flight	Sunday, 11:00 - 11:40 a.m.	International 7
CB: Astronomy Education Research	Sunday, 4:00 - 6:00 p.m.	International 5
DB: Teaching Strong Gravity: Black Holes in the Classroom	Monday, 11:00 a.m. – 12:00 p.m.	International 4
EA: Astronomy Papers	Monday, 3:30 - 5:30 p.m.	International 4
EF: Science Café	Monday, 3:30 - 5:30 p.m.	International 9
FA: Solar Eclipse	Monday, 7:00 - 8:10 p.m.	International 5
GA: Astronomy Outreach & Planetarium Education	Tuesday, 8:30 - 10:30 a.m.	International 4
TOP06: Bring the 2017 Solar Eclipse into your Class!	Monday, 8:00 - 9:30 a.m.	International 5

General Faculty Interest

AC: The Physics of the NSF IUSE Program	Sunday, 10:00 a.m. - 12:00 p.m.	International 6
BC: Interactive Lecture Demonstrations: What's New? ILDs Using Clickers& Vid. Analysis	Sunday, 2:00 - 3:00 p.m.	International 6
DE: 30 Demos in 60 Minutes	Monday, 11:00 a.m. - 12:30 p.m.	International 9
GD: Work/Life Balance	Tuesday, 8:30 - 10:30 a.m.	International 10
HF: The Wonderful World of AJP	Tuesday, 12:30 - 2:30 p.m.	International 10
TOP01: The Fulbright Experience	Sunday, 9:00 - 10:30 a.m.	M106

Graduate Physics Education

HD: Professional Skills for Graduate Students	Tuesday, 12:30 - 2:30 p.m.	International 9
TOP03: Graduate Student Topical Discussion	Sunday, 6:00 - 7:30 p.m.	M106

High School Physics

AA: Teaching Scientific Practices in High School and College Labs	Sunday, 10:00 - 11:50 a.m.	International 4
BA: Introductory Courses (General)	Sunday, 2:00 - 3:00 p.m.	International 4
CA: Maker Spaces in K-12	Sunday, 4:00 - 5:40 p.m.	International 4
CE: High School	Sunday, 4:00 - 5:30 p.m.	International 8
CF: Introductory Labs/Apparatus	Sunday, 4:00 - 6:00 p.m.	International 9
DE: 30 Demos in 60 Minutes (Panel)	Monday, 11:00 a.m. - 12:30 p.m.	International 9
EC: 21st Century Physics in the Classroom	Monday, 3:30 - 5:30 p.m.	International 6
GG: Introductory Courses	Tuesday, 8:30 - 10:10 a.m.	International 7
TOP06: Bring the 2017 Solar Eclipse into your Class!	Monday, 8:00 - 9:30 a.m.	International 5

International Physics Education

BE: Tools to Support the Conceptual Understanding of Magnetism & Quantum Mechanics	Sunday, 2:00 - 3:40 p.m.	International 8
HE: Induction and Mentoring of Early Career Teachers	Tuesday, 12:30 - 2:30 p.m.	International 8

Introductory Classes

BA: Introductory Courses (General)	Sunday, 2:00 - 3:00 p.m.	International 4
CC: New Resources and Pedagogy for the IPLS Course	Sunday, 4:00 - 6 p.m.	International 6
GG: Introductory Courses	Tuesday, 8:30 - 10:10 a.m.	International 7

Labs/Apparatus

AA: Teaching Scientific Practices in High School and College Labs	Sunday, 10:00 - 11:50 a.m.	International 4
AB: Understanding the Apparatus	Sunday, 10:00 a.m. - 12:00 p.m.	International 5
BC: Interactive Lecture Demonstrations: What's New? ILDs Using Clickers& Vid. Analysis	Sunday, 2:00 - 3:00 p.m.	International 6
CA: Maker Spaces in K-12	Sunday, 4:00 - 5:40 p.m.	International 4
CF: Introductory Labs/Apparatus	Sunday, 4:00 - 6 p.m.	International 9
EE: Lab Guidelines Focus Area 4: Communication	Monday, 3:30 - 5:30 p.m.	International 8
FE: Labs/Apparatus (General)	Monday, 7:00 - 8:00 p.m.	International 9
GC: Developing Project-based Lab Courses	Tuesday, 8:30 - 10:30 a.m.	International 6

Physics, Society, Policy and Outreach

EF: Science Café	Monday, 3:30 - 5:30 p.m.	International 9
GE: Engaging the Public with Festivals	Tuesday, 8:30 - 10:30 a.m.	International 8
GF: Video of the week	Tuesday, 8:30 - 10:30 a.m.	International 9
HB: Cold War Physics	Tuesday, 12:30 - 1:30 p.m.	International 6
TOP02: Physics & Society Topical Discussion	Sunday, 6:00 - 7:30 p.m.	International 3

Physics and Educational Technologies

AB:	Understanding the Apparatus	Sunday, 10:00 a.m. - 12:00 p.m.	International 5
AG:	Effective Practices for Integrating Computation into the Curriculum	Sunday, 10:00 a.m. - 12:00 p.m.	International 10
DC:	Effective Practices in Educational Technologies	Monday, 11:00 a.m. - 12:10 p.m.	International 5
EB:	Technologies	Monday, 3:30 - 4:40 p.m.	International 5
GF:	Video of the week	Tuesday, 8:30 - 10:30 a.m.	International 9

Physics Education Research

BD:	PER: Diverse Investigations	Sunday, 2:00 - 3:20 p.m.	International 7
CB:	Astronomy Education Research	Sunday, 4:00 - 6:00 p.m.	International 5
CD:	Results of APEX (Alabama Physics Excellent) Professional Development Project	Sunday, 4:00 - 6:00 p.m.	International 7
DF:	PER: Evaluating Instructional Strategies	Monday, 11:00 a.m. - 12:30 p.m.	International 8
EB:	Technologies	Monday, 3:30 - 4:40 p.m.	International 5
FD:	PER: Examining Content Understanding and Reasoning	Monday, 7:00 - 8:20 p.m.	International 8
HA:	Challenges Faced by LGBT Physicists	Tuesday, 12:30 - 1:50 p.m.	International 5

Physics in Pre-High School

AF:	Lessons from the Pre-HS Community	Sunday, 10:00 a.m. - 12:00 p.m.	International 9
BB:	Institutional Support For Elementary Teacher Physics Training	Sunday, 2:00 - 3:20 p.m.	International 5
CA:	Maker Spaces in K-12	Sunday, 4:00 - 5:40 p.m.	International 4
HE:	Induction and Mentoring of Early Career Teachers	Tuesday, 12:30 - 2:30 p.m.	International 8

Supporting Diversity

AE:	Self-Efficacy, Resilience, and Persistence for Underrepresented Women: What Research Tells Us	Sunday, 10:00 - 11:50 p.m.	International 8
CG:	Creating Inclusive Environments at Conferences	Sunday, 4:00 - 6:00 p.m.	International 10
DD:	Societal Influences on Students' Career Paths	Monday, 11:00 a.m. - 12:20 p.m.	International 6
EF:	Science Café	Monday, 3:30 - 5:30 p.m.	International 9
GB:	Phys Rev Focused Collection on Gender in Physics	Tuesday, 8:30 - 10:30 a.m.	International 5
GD:	Work/Life Balance	Tuesday, 8:30 - 10:30 a.m.	International 10
HA:	Challenges Faced by LGBT Physicists	Tuesday, 12:30 - 1:50 p.m.	International 5
TOP05:	Best Practices to Make Women Welcome in Physics Booklet	Monday, 8:00 - 9:30 a.m.	International 4

Teacher Preparation and Induction

BB:	Institutional Support For Elementary Teacher Physics Training	Sunday, 2:00 - 3:20 p.m.	International 5
CD:	Results of APEX (Alabama Physics Excellent) Professional Development Project	Sunday, 4:00 - 6:00 p.m.	International 7
DD:	Societal Influences on Students' Career Paths	Monday, 11:00 a.m. - 12:20 p.m.	International 6
FB:	UTeach in Physics	Monday, 7:00 - 8:30 p.m.	International 6
FC:	Building Institutional Support for your Physics Teacher Preparation Program	Monday, 7:00 - 8:10 p.m.	International 7
HE:	Induction and Mentoring of Early Career Teachers	Tuesday, 12:30 - 2:30 p.m.	International 8

Two-Year College Physics

EC:	21st Century Physics in the Classroom	Monday, 3:30 - 5:30 p.m.	International 6
FA:	Solar Eclipse	Monday, 7:00 - 8:10 p.m.	International 5
TOP04:	Two Year College Issues	Monday, 8:00 - 9:30 a.m.	International 3

Undergraduate and Graduate Student Interests

DD:	Societal Influences on Students' Career Paths	Monday, 11:00 a.m. - 12:20 p.m.	International 6
ED:	Non-academic Career Trajectories	Monday, 3:30 - 4:30 p.m.	International 7
GD:	Work/Life Balance	Tuesday, 8:30 - 10:30 a.m.	International 10
HD:	Professional Skills for Graduate Students	Tuesday, 12:30 - 2:30 p.m.	International 9
TOP03:	Graduate Student Topical Discussion	Sunday, 6:00 - 7:30 p.m.	M106

Undergraduate Physics Education

AA:	Teaching Scientific Practices in High School and College Labs	Sunday, 10:00 - 11:50 a.m.	International 4
AB:	Understanding the Apparatus	Sunday, 10:00 a.m. - 12:00 p.m.	International 5
AC:	The Physics of the NSF IUSE Program	Sunday, 10:00 a.m. - 12:00 p.m.	International 6
AG:	Effective Practices for Integrating Computation into the Curriculum	Sunday, 10:00 a.m. - 12:00 p.m.	International 10
BA:	Introductory Courses (General)	Sunday, 2:00 - 3:00 p.m.	International 4
BC:	Interactive Lecture Demonstrations: What's New? ILDs Using Clickers& Vid. Analysis	Sunday, 2:00 - 3:00 p.m.	International 6
BE:	Tools to Support the Conceptual Understanding of Magnetism & Quantum Mechanics	Sunday, 2:00 - 3:40 p.m.	International 8
CC:	New Resources and Pedagogy for the IPLS Course	Sunday, 4:00 - 6:00 p.m.	International 6
CF:	Introductory Labs/Apparatus	Sunday, 4:00 - 6:00 p.m.	International 9
DA:	Project-based Learning for Introductory Physics for Life Science	Monday, 11:00 a.m. - 12:30 p.m.	International 7
DD:	Societal Influences on Students' Career Paths	Monday, 11:00 a.m. - 12:20 p.m.	International 6

DE:	Demos in 60 Minutes (Panel)	Monday, 11:00 a.m. - 12:30 p.m.	International 9
ED:	Non-academic Career Trajectories	Monday, 3:30 - 4:30 p.m.	International 7
EE:	Lab Guidelines Focus Area 4: Communication	Monday, 3:30 - 5:30 p.m.	International 8
EG:	Report of the APS/AAPT Joint Task Force on Undergraduate Physics Programs: Case Studies and Recommendations	Monday, 3:30 - 5:30 p.m.	International 10
FB:	UTeach in Physics	Monday, 7:00 - 8:30 p.m.	International 6
FE:	Labs/Apparatus (General)	Monday, 7:00 - 8:00 p.m.	International 9
GG:	Introductory Courses	Tuesday, 8:30 - 10:10 a.m.	International 7

Upper Division Undergraduate Physics

AG:	Effective Practices for Integrating Computation into the Curriculum	Sunday, 10:00 a.m.- 12:00 p.m.	International 10
BE:	Tools to Support the Conceptual Understanding of Magnetism & Quantum Mechanics	Sunday, 2:00 - 3:40 p.m.	International 8