Meeting-at-a-Glance

Meeting-at-a-Glance includes sessions, workshops, committee meetings and other events, including luncheons, Exhibit Hall hours and snacks, plenary sessions, and receptions. All rooms will be in the Sacramento Convention Center (CC) or Sheraton Grand Hotel Sacramento. Workshops on Saturday and Sunday will be at California State University, Sacramento (Tutorials will be held at the convention center).

FRIDAY, July 15		Projection	00 5 11 11
4–7 p.m.		REGISTRATION	CC - East Lobby
SATURDAY, July 7 a.m4 p.m.	16	REGISTRATION	CC - East Lobby
7 a.iii.—4 p.iii.		(WORKSHOPS ARE AT CSU-SACRAMENTO, bus schedule, p. 6)	GG - East Lubby
8 a.m.–12 p.m.	W01	Teaching Physical Science with the Engineering is Elementary Curriculum	Placer Hall 1006
8 a.m.–12 p.m.	W02	Creating Interactive Electronic Books for Computers and Tablets	Placer Hall 1002
8 a.m.–12 p.m. 8 a.m.–12 p.m.	W03 W04	PIRA Lecture Demonstrations I & II Condensed: Selections from the PIRA 200 DC Circuits	Mendocino Hall 1015 Sequoia Hall 140
8 a.m.–12 p.m.	W05	Interactive Learning with Direct Measurement Video	Sequoia Hall 232
8 a.m.–12 p.m.	W06	Impact of Materials on Society – Course Connecting Science & Everyday Life	Mendocino Hall 1026
8 a.m.–12 p.m.	W07	Slowing it Down: High Speed Cameras in Lecture and Lab	Sequoia Hall 418
8 a.m.–12 p.m.	W08	Making Interactive Video Vignettes and Interactive Web Lectures	Sequoia Hall 246
8 a.m.–12 p.m.	W45	Solar Cookers for Learning about Materials, Energy, Sensing, and Society	Sequoia Hall 416
8 a.m.–5 p.m.	W10	Developing Inquiry Labs and Activities for AP Physics	Sequoia Hall 236
8 a.m5 p.m. 10:30 a.m4:30 p.m.	W11	Learn Physics While Practicing Science: Introduction to ISLE California Wine Tour	Sequoia Hall 242 offsite
1–5 p.m.	W12	Tools for Teaching Students to Synthesize Concepts	Mendocino Hall 1026
1–5 p.m.	W13	Cool NASA Stuff, NGSS, and Cultural Competency	Sequoia Hall 232
1–5 p.m.	W14	Computational Modeling in Introductory Physics (vPython and Excel)	Placer Hall 1002
1–5 p.m.	W15	Making Physics Videos Using Tablets	Placer Hall 1006
1–5 p.m.	W17	Using Kepler Mission Data in the Classroom	Mendocino Hall 1024
1–5 p.m.	W18	Fun, Engaging and Effective Labs and Demos with Clickers, Video Analysis	Sequoia Hall 246
1–5 p.m. 1–5 p.m.	W19 W20	Introductory Laboratories for Mechanics Making the Invisible Visible: Using IR Cameras in Lecture and Lab	Sequoia Hall 428 Mendocino Hall 2032
1–5 p.m.	W21	Submitting Successful Proposals to the NSF S-STEM Program	Mendocino Hall 4000
6–7:30 p.m.		Nominating Committee I	Sheraton - Falor
6–9 p.m.		Board of Directors I	Sheraton - Bataglieri
SUNDAY, July 17			
7 a.m.–4 p.m.		REGISTRATION	CC - East Lobby
8–10 a.m.	T01	Observing the 2017 Solar Eclipse	CC - 309
8–10 a.m.	T02	Electrostatics Tutorial	CC - 310
8–11 a.m.	T03	An Introduction to Race, Ethnicity, and Equity in Physics Education	CC - 311
8–10 a.m. 8–10:15 a.m.	T04	Using Learning Assistants to Flip Introductory Physics – Part I Meetings Committee	CC - 312 Sheraton - Bondi
8–10 a.m.		Publications Committee	Sheraton - Beavis
8 a.m.– 10 p.m.		High School Physics Photo Contest Voting and Viewing	CC - East Lobby
8 a.m.–12 p.m.	W22	How to Implement Collaborative Learning Activities in an IPLS Course	Sequoia Hall 236
8 a.m.–12 p.m.	W23	C3PO: Customizable Web-based Computer Coaches to Help Your Students	Mendocino Hall 1026
8 a.m.–12 p.m.	W24	Composing Science: A Workshop on Teaching Writing in the Inquiry Classroom	Sequoia Hall 444
8 a.m.–12 p.m.	W25	What Every Physics Teacher Should Know About Cognitive Research	Sequoia Hall 418
8 a.m.–12 p.m. 8 a.m.–12 p.m.	W26 W27	Teaching Introductory Astronomy Using Quantitative Reasoning Activities Authentic Experimentation in Labs Using Structured Quantitative Inquiry	Mendocino Hall 1024 Seguoia Hall 232
8 a.m.–12 p.m.	W28	Integrating Computation into Undergraduate Physics	Sequoia Hall 140
8 a.m.–12 p.m.	W29	Waves of Light and Sound: An Exploratorium Workshop	Sequoia Hall 242
8 a.m12 p.m.	W30	Demo Kit in a Box: Mechanics	Mendocino Hall 4004
8 a.m.–12 p.m.	W31	Learner-centered Environment for Algebra-based Physics	Mendocino Hall 2032
8 a.m.–12 p.m.	W46	The Physics of Chemistry	Sequoia Hall 416
8 a.m.–5 p.m. 8 a.m.–5 p.m.	W33 W34	Activity-based Physics in the High School Classroom Research-based Alternatives to Traditional Physics Problems	Sequoia Hall 246 Mendocino Hall 4000
8 a.m.–5 p.m.	W35	Physics of Energy Labs	Sequoia Hall 132
10:30 a.m.–1:30 p.m.		Using Learning Assistants to Flip Introductory Physics – Part II	CC - 312
10:30 a.m4 p.m.		Board of Directors II	Sheraton - Bataglieri
1–5 p.m.	W36	Learning Activities for Life Science in Introductory Physics	Sequoia Hall 418
1–5 p.m.	W37	Strategies to Help Women at All Levels to Succeed in Physics-Related Professions	Mendocino Hall 1026
1–5 p.m.	W38	Developing the Next Generation of Physics Assessments	Mendocino Hall 2032
1–5 p.m. 1–5 p.m.	W39 W40	Raising Physics to the Surface Fun and Engaging Labs	Sequoia Hall 232 Sequoia Hall 242
1–5 p.m.	W41	Intermediate and Advanced Laboratories	Sequoia Hall 428
1–5 p.m.	W42	Student Learning in Next Generation Physics and Everyday Thinking	Mendocino Hall 1024
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July 16-20, 2016

1–5 p.m. 1–5 p.m. 4:30–6 p.m. 5–6 p.m. 5:30–6:30 p.m. 5:30–8 p.m. 6:30–8 p.m. 6:30–8 p.m. 6:30–8 p.m. 6:30–8 p.m. 6:30–8 p.m. 6:30–8 p.m. 8–10 p.m. 8–10 p.m. 8–10 p.m.	W43 W44	Activities for Teaching About Climate and Climate Change Just-in-Time Teaching PERLOC AAPT Tweet-up Programs Committee I Section Officers and Section Representatives REGISTRATION Laboratories Committee History & Philosophy of Physics Committee Pre-High School Education in Physics Committee Research in Physics Education Committee Physics in Two-Year Colleges Committee Exhibit Hall Open / Welcome Reception PIRA Resource Room Open SPS Undergraduate Research and Outreach Poster Session AAPT Summer Meeting Dance Party	Sequoia Hall 416 Sequoia Hall 236 Sheraton - Beavis Sheraton - Bondi CC - 311 CC - 307 CC - East Lobby CC - 316 CC - 317/318 CC - 319 CC - 301 CC - 302/303 CC - Exhibit Hall D CC - 104/105 CC - Exhibit Hall D Sheraton - Gardenia
MONDAY, July 18			
6:45–7:45 a.m. 7–8:30 a.m. 7–8:30 a.m. 7–8:30 a.m. 7–8:30 a.m. 7–8:30 a.m. 7–8:30 a.m. 7 a.m.–5 p.m. 8 a.m.– 10 p.m.		Spin Class at Sheraton Interests of Senior Physicists Committee Teacher Preparation Committee Physics in Undergraduate Education Committee Women in Physics Committee PIRA Business Meeting First Timers' Breakfast REGISTRATION High School Physics Photo Contest Voting and Viewing	Sheraton - Compagno Sheraton - Bondi Sheraton - Beavis CC - 302/303 CC - 309 CC - 319 Sheraton - Tofanelli CC - East Lobby
8 a.m.–10 p.m. 8:30–9:50 a.m.	AA	Poster Session I – Posters available for viewing	Sheraton - Gardenia CC - 306
8:30–9:30 a.m.	AB	Progress in Pedagogy for Introductory Physics for Life Science Frontiers in Astronomy	CC - 300 CC - 307
8:30–10 a.m.	AC	Effective Practices in Educational Technologies	CC - 308
8:30–9:20 a.m.	AD	Two Year Colleges	CC - 301
8:30–10 a.m. 8:30–10 a.m.	AE AF	PER: Examining Content Understanding and Reasoning – B Robert Noyce Scholars in Physics Teacher Preparation	CC - 314 CC - 304/305
8:30–9:50 a.m.	AG	CIRTL: A Network Model to Transform STEM Education and Prepare Future Faculty	CC - 312
8:30-10 a.m.	AH	Outreach Demonstrations	CC - 315
8:30-9:40 a.m.	Al	PER: Exploring Problem Solving Approaches and Skills	CC - 311
8:30–9:50 a.m. 8:30–9:30 a.m.	AJ AK	Adaptation of Physics Activities to Three Major Components of NGSS 30 Demos in 60 Minutes	CC - 317/318 CC - 313
8:30–10 a.m.	AL	Computer Modeling and Simulation in Sustainability Courses	CC - 313
9–10 a.m.		AAPT Spouse/Guest Gathering	Sheraton - Falor
10 a.m.–5 p.m.		Exhibit Hall Open (a.m. Break 10–10:30 a.m./Raffle 10:20 Amazon Tap)	CC - Exhibit Hall D
10 a.m. –5 p.m.		PIRA Resource Room Open	CC - 104/105
10 a.m5 p.m. 10:30 a.m12 p.m.		TYC Resource Room Open AAPT Awards – Teaching / DSCs	CC - East Lobby Magnolia/Camellia
12–1 p.m.		Physics Bowl Advisory Board	Sheraton - Compagno
12–1 p.m.	CW01	PASCO: Smart Cart Workshop	CC - 309
12–1 p.m.	CW04	WebAssign: Code Your Own Questions in WebAssign	CC - 302/303
12–1 p.m. 12–1:30 p.m.	CW06	Expert TA: Realigning Homework Grades and Test Scores in Modern Classroom PTRA Advisory Committee	CC - 307 Sheraton - Beavis
12–1:30 p.m.		Review Board	Sheraton – Bondi
12-1:30 p.m.	CW07	Perimeter Institute: Physics in the News	CC - 316
12–1:30 p.m.		Early Career Professionals Speed Networking Event	Sheraton - Bataglieri
12–1:30 p.m. 12–1:30 p.m.		High School Teachers Day Luncheon Retired Physicists Luncheon	CC -103 Sheraton - Restaurant
12–1:30 p.m.	T0P01	Celestial Navigation in the Pacific: Polynesian Insights into Old Traditions	Sheraton - Baker
12–1:30 p.m.	T0P02	Finding Time To Do It: New Lessons in Time Management for Busy Faculty	CC - 319
12–1:30 p.m.	T0P03	The Role of the AAPT in preK-8 Physics Education	CC - 317/318
1:30–3:30 p.m.	BA BB	Best Practices in Educational Technology	CC - 306 CC - 307
1:30–3:30 p.m. 1:30–3 p.m.	BC	PER: Diverse Investigations – B Art and Science of Teaching	CC - 307 CC - 308
1:30–3:30 p.m.	BD	PER Advances in Problem Solving	CC - 313
1:30-3:10 p.m.	BE	Developing Experimental Skills at all Levels	CC - 314
1:30–3:10 p.m. 1:30–3:30 p.m.	BF BG	Teacher in Residence (TIR) Role in Mentoring Leadership and Other Skills in the Undergraduate Curriculum	CC - 310 CC - 312
1:30–3:30 p.m.	BH	Integrating Computation into the Curriculum	CC - 315
1:30-3:30 p.m.	BI	PER in Upper Division	CC - 304/305
1:30-3:10 p.m.	BJ	Physicists with Disabilities	CC - 311
1:30-2:20 p.m.	BK	Astronomy Papers	CC - 301



1:30–2:30 p.m.	CW02	PASCO: Capstone Workshop	CC - 309
1:30–2:30 p.m.	GVVUZ	High School Teacher Lounge	Sheraton - Falor
2:30–4 p.m.	CW08	Perimeter Institute: Spicing Up Classical Physics	CC - 316
3–4 p.m.	CW03	PASCO: Essential Physics Electronic Textbook for Physics	CC - 309
3–4 p.m.		Early Career and First Timers Meetup	Offsite
3:30–4 p.m.		Afternoon Break in Exhibit Hall (3:50 p.m. Raffle SportShot Action Camera)	Exhibit Hall D
4–5:50 p.m.	CA	Using Popular Media to Teach Astronomy	CC - 306
4–6 p.m. 4–6 p.m.	CB CC	PER: Modeling Student Engagement Physics and the Maker Movement	CC - 307 CC - 310
4–5:30 p.m.	CD	Professional Development Opportunities: Participant Perspective on What Works	CC - 311
4–6 p.m.	CE	Favorite TPT Articles	CC - 308
4–5:40 p.m.	CF	Introductory Labs/Apparatus	CC - 317/318
4–5:50 p.m.	CG	PER: Diverse Investigations	CC - 313
4–6 p.m.	CH	The Physics of the NSF IUSE Program Sourching for Extratographical Intelligence	CC - 312
4–5:30 p.m. 4–5:30 p.m.	CI CJ	Searching for Extraterrestrial Intelligence Comparing World-Class Physics Education Ideologies: A Closer Look at AP, Cambridge	CC - 304/305
4–6 p.m.	CK	Preparing and Supporting University Physics Educators	CC - 301
4–6 p.m.	CL	Modern Physics Demonstrations and Labs	CC - 315
4–6 p.m.		High School Teacher Lounge	Sheraton - Falor
6–7:30 p.m.	T0004	National Society of Hispanic Physicists Reception	CC - 103
6–7:30 p.m. 6–7:30 p.m.	T0P04 T0P05	Graduate Student Topical Discussion Roundtable on Teaching Physics in High School	CC - 311 CC - 304/305
6–7:30 p.m.	T0P06	Solo PER	CC - 306
6–7:30 p.m.	10100	SPS Undergraduate Awards Reception	Sheraton - Tofanelli
6:15–7:30 p.m.		Educational Technologies Committee	CC - 301
6:15–7:30 p.m.		Physics in High Schools Committee	CC - 313
6:15–7:30 p.m. 6:15–7:30 p.m.		Science Education for the Public Committee Diversity in Physics Committee	CC - 310 Sheraton - Bondi
6:15–7:30 p.m.		Modern Physics Committee	Sheraton - Beavis
6:15–7:30 p.m.		Alpha Business Meeting	CC - 312
7:30–8:30 p.m.	Awards	Klopsteg Memorial Lecture Award: Margaret Wertheim	Magnolia/Camellia
8:30–10 p.m.		Poster Session I, Authors available at posters	Sheraton - Gardenia
8:30–10 p.m.		High School Share-a-thon	CC - 313
TUESDAY, July 19			
6 0 a m		AADT Fun Dun/Molle	Offoito
6–8 a.m. 7 a.m.–4 p.m .		AAPT Fun Run/Walk REGISTRATION	Offsite CC - East Lobby
6–8 a.m. 7 a.m.–4 p.m. 7–8 a.m.		AAPT Fun Run/Walk REGISTRATION Venture Fund Review/Bauder Committee	Offsite CC - East Lobby Sheraton - Bondi
7 a.m.– 4 p.m. 7–8 a.m. 7–8 a.m.		REGISTRATION Venture Fund Review/Bauder Committee Governance Structure Committee	CC - East Lobby Sheraton - Bondi Sheraton - Compagno
7 a.m.–4 p.m. 7–8 a.m. 7–8 a.m. 7–8 a.m.		REGISTRATION Venture Fund Review/Bauder Committee Governance Structure Committee Executive Programs Committee	CC - East Lobby Sheraton - Bondi Sheraton - Compagno Sheraton - Beavis
7 a.m4 p.m. 7-8 a.m. 7-8 a.m. 7-8 a.m. 7-8:30 a.m.		REGISTRATION Venture Fund Review/Bauder Committee Governance Structure Committee Executive Programs Committee Two-Year College Breakfast	CC - East Lobby Sheraton - Bondi Sheraton - Compagno Sheraton - Beavis CC -103
7 a.m.–4 p.m. 7–8 a.m. 7–8 a.m. 7–8 a.m. 7–8:30 a.m. 8 a.m.–6:30 p.m.		REGISTRATION Venture Fund Review/Bauder Committee Governance Structure Committee Executive Programs Committee Two-Year College Breakfast Poster Session II Posters available for viewing	CC - East Lobby Sheraton - Bondi Sheraton - Compagno Sheraton - Beavis CC -103 Sheraton - Gardenia
7 a.m4 p.m. 7-8 a.m. 7-8 a.m. 7-8 a.m. 7-8:30 a.m.	DA	REGISTRATION Venture Fund Review/Bauder Committee Governance Structure Committee Executive Programs Committee Two-Year College Breakfast	CC - East Lobby Sheraton - Bondi Sheraton - Compagno Sheraton - Beavis CC -103 Sheraton - Gardenia CC - East Lobby
7 a.m4 p.m. 7-8 a.m. 7-8 a.m. 7-8 a.m. 7-8:30 a.m. 8 a.m6:30 p.m. 8 a.m10 p.m. 8:30-9:40 a.m. 8:30-9:20 a.m.	DA DB	REGISTRATION Venture Fund Review/Bauder Committee Governance Structure Committee Executive Programs Committee Two-Year College Breakfast Poster Session II Posters available for viewing High School Physics Photo Contest Voting and Viewing Interactive Lecture Demonstrations: What's New? ILDs Using Clickers & Video Analysis Upper Division/Graduate Courses	CC - East Lobby Sheraton - Bondi Sheraton - Compagno Sheraton - Beavis CC -103 Sheraton - Gardenia CC - East Lobby CC - 315 CC - 310
7 a.m4 p.m. 7-8 a.m. 7-8 a.m. 7-8 a.m. 7-8:30 a.m. 8 a.m6:30 p.m. 8 a.m 10 p.m. 8:30-9:40 a.m. 8:30-9:20 a.m. 8:30-9:50 a.m.	DA DB DC	REGISTRATION Venture Fund Review/Bauder Committee Governance Structure Committee Executive Programs Committee Two-Year College Breakfast Poster Session II Posters available for viewing High School Physics Photo Contest Voting and Viewing Interactive Lecture Demonstrations: What's New? ILDs Using Clickers & Video Analysis Upper Division/Graduate Courses Effective Practices in Educational Technologies — I	CC - East Lobby Sheraton - Bondi Sheraton - Compagno Sheraton - Beavis CC -103 Sheraton - Gardenia CC - East Lobby CC - 315 CC - 310 CC - 311
7 a.m4 p.m. 7-8 a.m. 7-8 a.m. 7-8 a.m. 7-8:30 a.m. 8 a.m6:30 p.m. 8 a.m10 p.m. 8:30-9:40 a.m. 8:30-9:20 a.m. 8:30-9:50 a.m. 8:30-10 a.m.	DA DB DC DD	REGISTRATION Venture Fund Review/Bauder Committee Governance Structure Committee Executive Programs Committee Two-Year College Breakfast Poster Session II Posters available for viewing High School Physics Photo Contest Voting and Viewing Interactive Lecture Demonstrations: What's New? ILDs Using Clickers & Video Analysis Upper Division/Graduate Courses Effective Practices in Educational Technologies — I Leveraging Strengths of Diverse Populations	CC - East Lobby Sheraton - Bondi Sheraton - Compagno Sheraton - Beavis CC -103 Sheraton - Gardenia CC - East Lobby CC - 315 CC - 310 CC - 311 CC - 312
7 a.m4 p.m. 7-8 a.m. 7-8 a.m. 7-8 a.m. 7-8:30 a.m. 8 a.m6:30 p.m. 8 a.m 10 p.m. 8:30-9:40 a.m. 8:30-9:20 a.m. 8:30-9:50 a.m. 8:30-9:50 a.m. 8:30-9:40 a.m.	DA DB DC DD DE	REGISTRATION Venture Fund Review/Bauder Committee Governance Structure Committee Executive Programs Committee Two-Year College Breakfast Poster Session II Posters available for viewing High School Physics Photo Contest Voting and Viewing Interactive Lecture Demonstrations: What's New? ILDs Using Clickers & Video Analysis Upper Division/Graduate Courses Effective Practices in Educational Technologies — I Leveraging Strengths of Diverse Populations Online Hybrid	CC - East Lobby Sheraton - Bondi Sheraton - Compagno Sheraton - Beavis CC -103 Sheraton - Gardenia CC - East Lobby CC - 315 CC - 310 CC - 311 CC - 312 CC - 306
7 a.m4 p.m. 7-8 a.m. 7-8 a.m. 7-8 a.m. 7-8:30 a.m. 8 a.m6:30 p.m. 8 a.m 10 p.m. 8:30-9:40 a.m. 8:30-9:20 a.m. 8:30-9:50 a.m. 8:30-10 a.m. 8:30-10 a.m. 8:30-10 a.m.	DA DB DC DD DE DF DG	REGISTRATION Venture Fund Review/Bauder Committee Governance Structure Committee Executive Programs Committee Two-Year College Breakfast Poster Session II Posters available for viewing High School Physics Photo Contest Voting and Viewing Interactive Lecture Demonstrations: What's New? ILDs Using Clickers & Video Analysis Upper Division/Graduate Courses Effective Practices in Educational Technologies — I Leveraging Strengths of Diverse Populations Online Hybrid AAPT Opportunities for Middle and High School Teachers What Can We Learn From and Do With Science Centers	CC - East Lobby Sheraton - Bondi Sheraton - Compagno Sheraton - Beavis CC -103 Sheraton - Gardenia CC - East Lobby CC - 315 CC - 310 CC - 311 CC - 312 CC - 306 CC - 304/305 CC - 301
7 a.m4 p.m. 7-8 a.m. 7-8 a.m. 7-8 a.m. 7-8:30 a.m. 8 a.m6:30 p.m. 8 a.m 10 p.m. 8:30-9:40 a.m. 8:30-9:20 a.m. 8:30-9:50 a.m. 8:30-10 a.m. 8:30-10 a.m. 8:30-10 a.m.	DA DB DC DD DE DF DG DH	REGISTRATION Venture Fund Review/Bauder Committee Governance Structure Committee Executive Programs Committee Two-Year College Breakfast Poster Session II Posters available for viewing High School Physics Photo Contest Voting and Viewing Interactive Lecture Demonstrations: What's New? ILDs Using Clickers & Video Analysis Upper Division/Graduate Courses Effective Practices in Educational Technologies – I Leveraging Strengths of Diverse Populations Online Hybrid AAPT Opportunities for Middle and High School Teachers What Can We Learn From and Do With Science Centers APS/AAPT Joint Task Force on Undergraduate Education Physics Programs	CC - East Lobby Sheraton - Bondi Sheraton - Compagno Sheraton - Beavis CC -103 Sheraton - Gardenia CC - East Lobby CC - 315 CC - 310 CC - 311 CC - 312 CC - 306 CC - 304/305 CC - 301 CC - 313
7 a.m4 p.m. 7-8 a.m. 7-8 a.m. 7-8 a.m. 7-8:30 a.m. 8 a.m6:30 p.m. 8 a.m 10 p.m. 8:30-9:40 a.m. 8:30-9:20 a.m. 8:30-9:50 a.m. 8:30-10 a.m. 8:30-10 a.m. 8:30-10 a.m. 8:30-10 a.m. 8:30-10 a.m.	DA DB DC DD DE DF DG DH DI	REGISTRATION Venture Fund Review/Bauder Committee Governance Structure Committee Executive Programs Committee Two-Year College Breakfast Poster Session II Posters available for viewing High School Physics Photo Contest Voting and Viewing Interactive Lecture Demonstrations: What's New? ILDs Using Clickers & Video Analysis Upper Division/Graduate Courses Effective Practices in Educational Technologies – I Leveraging Strengths of Diverse Populations Online Hybrid AAPT Opportunities for Middle and High School Teachers What Can We Learn From and Do With Science Centers APS/AAPT Joint Task Force on Undergraduate Education Physics Programs Physicists with Disabilities – A	CC - East Lobby Sheraton - Bondi Sheraton - Compagno Sheraton - Beavis CC -103 Sheraton - Gardenia CC - East Lobby CC - 315 CC - 310 CC - 311 CC - 312 CC - 306 CC - 304/305 CC - 301 CC - 313 CC - 308
7 a.m4 p.m. 7-8 a.m. 7-8 a.m. 7-8 a.m. 7-8:30 a.m. 8 a.m6:30 p.m. 8 a.m 10 p.m. 8:30-9:40 a.m. 8:30-9:20 a.m. 8:30-9:50 a.m. 8:30-10 a.m. 8:30-10 a.m. 8:30-10 a.m. 8:30-10 a.m. 8:30-10 a.m. 8:30-10 a.m.	DA DB DC DD DE DF DG DH DI DJ	REGISTRATION Venture Fund Review/Bauder Committee Governance Structure Committee Executive Programs Committee Two-Year College Breakfast Poster Session II Posters available for viewing High School Physics Photo Contest Voting and Viewing Interactive Lecture Demonstrations: What's New? ILDs Using Clickers & Video Analysis Upper Division/Graduate Courses Effective Practices in Educational Technologies – I Leveraging Strengths of Diverse Populations Online Hybrid AAPT Opportunities for Middle and High School Teachers What Can We Learn From and Do With Science Centers APS/AAPT Joint Task Force on Undergraduate Education Physics Programs Physicists with Disabilities – A Make, Play, Learn	CC - East Lobby Sheraton - Bondi Sheraton - Compagno Sheraton - Beavis CC -103 Sheraton - Gardenia CC - East Lobby CC - 315 CC - 310 CC - 311 CC - 312 CC - 306 CC - 304/305 CC - 301 CC - 313 CC - 308 CC - 308 CC - 307
7 a.m4 p.m. 7-8 a.m. 7-8 a.m. 7-8 a.m. 7-8:30 a.m. 8 a.m6:30 p.m. 8 a.m 10 p.m. 8:30-9:40 a.m. 8:30-9:20 a.m. 8:30-9:50 a.m. 8:30-10 a.m. 8:30-10 a.m. 8:30-10 a.m. 8:30-10 a.m. 8:30-10 a.m.	DA DB DC DD DE DF DG DH DI	REGISTRATION Venture Fund Review/Bauder Committee Governance Structure Committee Executive Programs Committee Two-Year College Breakfast Poster Session II Posters available for viewing High School Physics Photo Contest Voting and Viewing Interactive Lecture Demonstrations: What's New? ILDs Using Clickers & Video Analysis Upper Division/Graduate Courses Effective Practices in Educational Technologies — I Leveraging Strengths of Diverse Populations Online Hybrid AAPT Opportunities for Middle and High School Teachers What Can We Learn From and Do With Science Centers APS/AAPT Joint Task Force on Undergraduate Education Physics Programs Physicists with Disabilities — A Make, Play, Learn Other Papers	CC - East Lobby Sheraton - Bondi Sheraton - Compagno Sheraton - Beavis CC -103 Sheraton - Gardenia CC - East Lobby CC - 315 CC - 310 CC - 311 CC - 312 CC - 306 CC - 304/305 CC - 301 CC - 313 CC - 308
7 a.m4 p.m. 7-8 a.m. 7-8 a.m. 7-8 a.m. 7-8:30 a.m. 8 a.m6:30 p.m. 8 a.m10 p.m. 8:30-9:40 a.m. 8:30-9:20 a.m. 8:30-9:50 a.m. 8:30-10 a.m. 8:30-10 a.m. 8:30-10 a.m. 8:30-10 a.m. 8:30-10 a.m. 8:30-9:20 a.m. 8:30-9:20 a.m. 8:30-9:20 a.m. 8:30-9:20 a.m.	DA DB DC DD DE DF DG DH DI DJ DK	REGISTRATION Venture Fund Review/Bauder Committee Governance Structure Committee Executive Programs Committee Two-Year College Breakfast Poster Session II Posters available for viewing High School Physics Photo Contest Voting and Viewing Interactive Lecture Demonstrations: What's New? ILDs Using Clickers & Video Analysis Upper Division/Graduate Courses Effective Practices in Educational Technologies – I Leveraging Strengths of Diverse Populations Online Hybrid AAPT Opportunities for Middle and High School Teachers What Can We Learn From and Do With Science Centers APS/AAPT Joint Task Force on Undergraduate Education Physics Programs Physicists with Disabilities – A Make, Play, Learn Other Papers PER Findings Related to Latin American Students Exhibit Hall Open (Morning Break 10–10:30 a.m Raffle 10:20, \$100 AMEX Card)	CC - East Lobby Sheraton - Bondi Sheraton - Compagno Sheraton - Beavis CC -103 Sheraton - Gardenia CC - East Lobby CC - 315 CC - 310 CC - 311 CC - 312 CC - 306 CC - 304/305 CC - 301 CC - 313 CC - 308 CC - 307 CC - 317/318 CC - 314 CC - Exhibit Hall D
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1:30-3:30 p.m.	EB	PER: Evaluating Instructional Strategies	CC - 307
1:30-2:40 p.m.	EC	Innovative Uses of Technology Enabled Spaces	CC - 304/305
1:30-3:40 p.m.	ED	Upper Division Undergraduate	CC - 310
1:30–3 p.m.	EE	Professional Skills for Graduate Students	CC - 311
1:30-3:30 p.m.	EF	Physics Teaching for Social Justice	CC - 308
1:30–3:30 p.m.	EG	Addressing Race and Ethnicity	CC - 312
1:30–3 p.m.	EH	Climate Change	CC - 313
1:30–3:20 p.m.	EI	Developing Experimental Skills at all Levels I	CC - 314
1:30–3:10 p.m.	EJ	PER: Examining Content Understanding and Reasoning	CC - 315
	EK	Supporting Women in Physics: How Everyone Can Play a Role	CC - 301
1:30–3 p.m.			
1:30–3:20 p.m.	EL	The Great American Eclipse of 21 August 2017: Preparing for Maximum Impact	CC - 317/318
1:30–3:30 p.m.	0114.0	High School Teacher Lounge	Sheraton – Falor
2–3:30 p.m.	CW10	Perimeter Institute: Knowledge in Modern Physics: 21st Century Approach	CC - 309
3:30–4 p.m.		Afternoon Break in Exhibit Hall (Raffle 3:50 p.m., Kindle HD)	CC - Exhibit Hall D
4–5 p.m.	Plenary	Neil Gershenfeld, The Center for Bits and Atoms, MIT	Magnolia/Camellia
4–6 p.m.		High School Teacher Lounge	Sheraton - Falor
5–6:30 p.m.		Poster Session II, Authors available at posters	Sheraton - Gardenia
6:30–8 p.m.		AAPT Summer Meeting Picnic at PASCO	Offsite
8–9 p.m.		Demo Show at PASCO (Transportation to and from the Convention C. provided)	Offsite
WEDNESDAY, Jul	v 20		
6:45–7:45 a.m.	,	Yoga on Sacramento Capitol Lawn	Offsite
7–8 a.m.		SI Units and Metric Education Committee	
			Sheraton - Compagno
7–8 a.m.		Membership and Benefits Committee	Sheraton - Beavis
7–8 a.m.		Programs II Committee	Sheraton - Bondi
8 a.m.–3 p.m.		REGISTRATION	CC - East Lobby
8 a.m.–4:30 p.m.	- A	Poster Session III Posters available for viewing	CC - East Lobby
8:30-10 a.m.	FA	PER: Exploring Problem Solving Approaches and Skills – A	CC - 306
8:30-10:20 a.m.	FB	PER: Examining Content Understanding and Reasoning – A	CC - 307
8:30-10 a.m.	FC	PER: Evaluating Instructional Strategies – A	CC - 308
8:30-10:20 a.m.	FD	Computer Modeling and Simulation in the IPLS Course	CC - 315
8:30-10:10 a.m.	FE	PER: Diverse Investigations – A	CC - 314
8:30-9:30 a.m.	FF	Lab Guidelines Focus Area 3: Modeling	CC - 304/305
8:30-9:30 a.m.	FG	High School	CC - 310
8:30-9:50 a.m.	FH	PhysTEC Teacher Preparation in California	CC - 309
8:30-10 a.m.	FI	Supporting Hispanic Women Students in Physics	CC - 311
8:30-10:10 a.m.	FJ	Ardiuno, Teensy, FPGA's et al	CC - 312
8:30-10:30 a.m.	FK	AP Physics 2 Labs with Java Applets	CC - 301
10 a.m.–3 p.m.	TYC03	TYC Resource Room	CC - East Lobby
10:30-11:30 a.m.	Plenary	David Reitze, LIGO Laboratory	Magnolia/Camellia
11:30 a.m.–12 p.m.		Great Book Giveaway	CC - East Lobby
11:30 a.m12:30 p.m	1.	Finance Committee	Sheraton - Compagno
11:30 a.m1 p.m.		Awards Committee (Closed)	Sheraton - Beavis
11:30 a.m1 p.m.	T0P07	Web Resources for Teaching Astronomy	CC - 319
11:30 a.m1 p.m.	TOP08	Work-Life Balance	CC - 316
12–1 p.m.		PERTG Town Hall	Magnolia/Camellia
1–2 p.m.	GA	Preparing Pre-service Physics Teachers for the Middle School Classroom	CC - 301
1–3 p.m.	GB	Particle Physics Investigations by Students	CC - 312
1–2:10 p.m.	GC	Teacher Training/Enhancement	CC - 310
1–2:40 p.m.	GD	Introductory Courses	CC - 311
1–2:10 p.m.	GE	Gender	CC - 304/305
1–2 p.m.	GF	Technologies	CC - 306
1–2:30 p.m.	GG	Two Years of New AP Physics 1 and 2	CC - 307
1–2:30 p.m.	GH	Mining Data Generated in the Classroom	CC - 308
1–3 p.m.	GJ	Teaching Physics in High Needs High Schools	CC - 313
1–2:50 p.m.	GK	Do Try This At Home!	CC - 314
1–4 p.m.		High School Teacher Lounge	Sheraton - Falor
2–3 p.m.	PER	PERC Bridging Session	Sheraton - Magnolia
3–4:30 p.m.		Nominating Committee II	Sheraton - Compagno
3–5:30 p.m.		Board of Directors III	Sheraton - Bataglieri
3–4:30 p.m.	HA	Post-deadline Papers I	CC - 301
3–4:20 p.m.	HB	Post-deadline Papers II	CC - 307
3–4:20 p.m.	HD	Post-deadline Papers IV	CC - 319
3–4:30 p.m.	PST3A	Post-deadline Poster Session III	CC - East Lobby

