

2020 AAPT Virtual Summer Meeting at a Glance



All times are EDT

Friday, July 17, 2020

10–12	Bauder Fund (closed)	Tom O’Kuma
12–2	Programs and Planning I	Toni Sauncy
1–5	W37 Using RTOP to Improve Physics and Physical Science Teaching	
1–5	W38 World Wide Data Day	
1–5	W15 Get the Facts Out: Changing the Conversation Around Physics Teachers Recruitment	
1–5	W27 Machine Learning in PER	
2–3:30	Membership and Benefits Committee	David Sturm
3–4:30	Science Education for the Public Committee	Tatiana Erukhimova
3–5	Educational Technologies Committee	Brandon Lunk
5:30–7:30	Teacher Preparation Committee	Debbie French
5:30–7:30	Nominating Committee (closed)	Dwain Desbien

Saturday, July 18, 2020

9–5	AAPT Board of Directors Meeting (closed)	Chandralekha Singh
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Sunday, July 19, 2020

10 am–10:30	Welcome and Orientation (LIVE)	
10:30–11:30	PLENARY: Andrew Barnard, Michigan Technological University	
10–4	Vendors visible all day	
11:30–4 pm	Virtual Coffee Break (Drop in)	
11:30–4 pm	K-12 Resource Room, volunteer staffed in 1-hr shifts (Drop in)	
11:30–12:30	PAR-A.01: AAPT Speakers Bureau: Purpose and Samples	
11:30–12:30	PAR-A.02: Best Practices in Educational Technology	
11:30–12:30	PAR-A.03: Best Practices for Developing Scientific Thinking, Reasoning, and Decision-Making Abilities I	
11:30–12:30	PAR-A.04: PER: Assessment, Grading and Feedback I	
11:30–12:30	PAR-A.05: PER: Diversity, Equity & Inclusion I	
11:30–12:30	PAR-A.06: PER: Student Content Understanding, Problem-Solving and Reasoning I	
11:30–12:30	PAR-A.07: Professional Skills for Students Panel	
11:30–12:30	PAR-A.08: Promoting and Supporting Equity and Inclusion in STEM Introductory Courses	
11:30–12:30	PAR-A.09: TA Training & Innovations to Make Introductory Labs Work	
11:30–12:30	PAR-A.10: What to Say When Students Ask You About Astrophysics	
11:30–12:30	PAR-A.11: Remote Delivery of Introductory Physics Labs Lessons and Victories I	
12:30–1:30	AWARDS Klopsteg Memorial Lecture: James Kakalios	
1:30–2:30	PAR-B.01: Best Practices for Developing Scientific Thinking, Reasoning, and Decision-Making Abilities II	
1:30–2:30	PAR-B.02: Computational Thinking in Physics I	
1:30–2:30	PAR-B.03: New Curriculum by K-12 Outreach Programs	
1:30–2:30	PAR-B.04: PER: Curriculum and Instruction I	
1:30–2:30	PAR-B.05: Remote Delivery of Introductory Physics Labs Lessons and Victories II	
1:30–2:30	PAR-B.06: PER: Diversity, Equity & Inclusion II	
1:30–2:30	PAR-B.07: Upper Division Undergraduate	
1:30–2:30	PAR-B.09: Using the Effective Practices for Physics Programs (EP3) Guide and its online communities to improve, review, and assess your department	
1:30–2:30	PAR-B.10 30 Demos in 60 Minutes Panel	
2:30–3:30	SPS: SPS Undergraduate Poster Presentation (LIVE)	

Monday, July 20, 2020

10–11	PLENARY: Intersectionality and Transdisciplinarity in Physics Education, Speaker: Mildred Boveda (LIVE)
11–12:30	PLENARY: Step Up: A Social Movement to Promote Cultural Change in Physics, Zahra Hazari and panel (LIVE)
10–4	Vendors visible all day
11–3:30 pm	Virtual Coffee Break (Drop in)
11–3:30 pm	K-12 Resource Room, volunteer staffed in 1-hr shifts (Drop in)
11–3:30 pm	Diversity, Equity and Inclusion Resource Room (Drop in)
12:30–1:30	PAR-C.01: Doing physics and being _____
12:30–1:30	PAR-C.02: Gender
12:30–1:30	PAR-C.03: Get the Facts Out: Changing the Conversation Around Physics Teacher Recruitment
12:30–1:30	PAR-C.04: Integrating Computation into High School Physics
12:30–1:30	PAR-C.05: K-12 PER
12:30–1:30	PAR-C.06: PER: Diverse Investigations
12:30–1:30	PAR-C.07: Science and Religion
12:30–1:30	PAR-C.08: PER: Student and Instructor Support & Professional Development, Program and Institutional Change I
12:30–1:30	PAR-C.09: Physics Education Research in Labs I
12:30–1:30	PAR-C.10: Remote Delivery of High School Labs: Use of Existing Teaching Resources
12:30–1:30	PAR-C.11: Tools for Data Analysis
1:30–2:30	AWARDS Paul W. Zitzewitz Teaching Award, Ann Walkup (LIVE)
2:30–3:30	PAR-D.01: Astronomy Paper
2:30–3:30	PAR-D.02: Effective Practices in Educational Technology I
2:30–3:30	PAR-D.03: Exploring the Implementation of the NGSS Framework in Undergraduate Science Disciplines
2:30–3:30	PAR-D.04A: High School
2:30–3:30	PAR-D.04B: General Relativity in the High School Classroom
2:30–3:30	PAR-D.04C: Neutrino Physics in the Classroom
2:30–3:30	PAR-D.05: K-12 (Intro UG, AD UG) Physics Courses and Labs in the Shadow of COVID19
2:30–3:30	PAR-D.06: PER: Curriculum and Instruction II
2:30–3:30	PAR-D.07: PER: Student Content Understanding, Problem-Solving and Reasoning II
2:30–3:30	PAR-D.08: Pre High School
2:30–3:30	PAR-D.09: Finding and Adapting IPLS Materials from the Living Physics Portal
2:30–3:30	PAR-D.10: Tools for Teaching Computation in Physics
2:30–3:30	PAR-D.11: SPS Awards and Trivia Contest (LIVE)
3:30–4:30	Presidential Town Hall (LIVE)
4:30–6:30	Virtual Game Night – (Zoom room)

Tuesday, July 21, 2020

10 am–3:30 pm	Virtual Coffee Break (Drop in)
10 am–3:30 pm	K-12 Resource Room, volunteer staffed in 1-hr shifts (Drop in)
10 am–3:30 pm	Diversity, Equity and Inclusion Resource Room (Drop in)
10 am–3:30 pm	Vendors visible all day
10–11	PAR-E.01: Computational Thinking in Physics II
10–11	PAR-E.02: Effective Practices in Educational Technology II
10–11	PAR-E.03: Introductory Courses I
10–11	PAR-E.04: PER: Assessment, Grading and Feedback II
10–11	PAR-E.05: PER: Diversity, Equity & Inclusion III
10–11	PAR-E.06: Physics Education Research in Labs II
10–11	PAR-E.07: Transforming Physics Curricula to Include Computation
10–11	PAR-E.08: Physics Majors: High School to Doctorate
10–11	PAR-E.09: Graduate Education in US – Thinking about Admissions, Diversity, Content Knowledge, and Institutions

10–11	PAR-E.10: Recruiting, Retaining and Empowering Underrepresented Teachers in Physics
11–12:30	PLENARY: APS Plenary, Wolfgang Bauer, Artemis Spyrou (LIVE)
12:30–1:30	POSTER SESSION 1
1:30–2:30	AWARD: Halliday and Resnick Award: Deborah Mason-McCaffrey
2:30–3:30	PAR-F.01: Broadening Participation in STEM Through Science Cafes & Festivals Panel
2:30–3:30	PAR-F.02: Communicating Sensitive Topics in the Classroom
2:30–3:30	PAR-F.03: Frontiers of Astronomy
2:30–3:30	PAR-F.03B: Innovations in Teaching Space Science and Astronomy
2:30–3:30	PAR-F.05: PER: Curriculum and Instruction III
2:30–3:30	PAR-F.06: PER: Student and Instructor Support & Professional Development, Program and Institutional Change II
2:30–3:30	PAR-F.07: PER: Student Content Understanding, Problem-Solving and Reasoning III
2:30–3:30	PAR-F.08: Introductory Courses II
2:30–3:30	PAR-F.09: Remote Delivery of Advanced Physics Labs Lessons & Victories
2:30–3:30	PAR-F.10: Teaching Equity in Physics
2:30–3:30	PAR-F.11: The Art and Science of Teaching
3:30–4:30	PERTG Town Hall (LIVE)
4:30	PIRA Virtual Family Physics Demonstration Extravaganza (Zoom)

Wednesday, July 22, 2020

10 am–3:30 pm	Virtual Coffee Break (Drop in)
10 am–3:30 pm	Diversity, Equity and Inclusion Resource Room (Drop in)
10–11	PAR-G.01: Computer Modeling and Computation in Labs
10–11	PAR-G.02: Exploring Virtual and Augmented Reality in Physics Education
10–11	PAR-G.03: Impact of Evidence-based Active Engagement Pedagogies on Student Learning
10–11	PAR-G.04: Introductory Labs/Apparatus
10–11	PAR-G.05: Introductory Physics for the Life Sciences (IPLS)
10–11	PAR-G.06: PER: Student Content Understanding, Problem-Solving and Reasoning IV
10–11	PAR-G.07: PER: Using Institutional Data Sources and Big Data Research Methods
10–11	PAR-G.08: PhysTEC: Building Institutional Support and Leadership for Teacher Preparation
10–11	PAR-G.09: Rethinking the Boundaries of the Laboratory Classroom
10–11	PAR-G.10: Technologies
10–11	PAR-G.11: Upper Division/Graduate Courses
11–12:30	AWARDS Millikan Medal, David Cook; Distinguished Service Citations
12:30–1:30	POSTER SESSION 2
1:30–2:30	K-12 Teachers Meet-up
1:30–2:30	Disability Meet-up
1:30–2:30	STPAR-1 Solo PER Panel
1:30–2:30	STPAR-2 Early Career Topical Discussions Panel
1:30–2:30	STPAR-3 Student Topical Discussion and Social
1:30–2:30	STPAR-4 Museum and Building Lobby Science
1:30–2:30	STPAR-5 SPS Undergraduate Meet-up
1:30–2:30	STPAR-6 TYC Meet-up
1:30–2:30	STPAR-7 Voices of Women Panel
1:30–2:30	STPAR-9 Meet-up for Members and Supporters of LGBTQ Community
1:30–2:30	STPAR-10 Retired Physicists’ Meet-up
1:30–2:30	STPAR-12 Early Career Meet-up
1:30–2:30	STPAR-13 International Meet-up
2:30–5:30	PERC PERC Bridging Session and Poster Session (LIVE)

Thursday, July 23, 2020

10 am–4 pm	PERC Physics Education Research Conference Details: https://www.compadre.org/per/conferences/2020/Formats.cfm
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