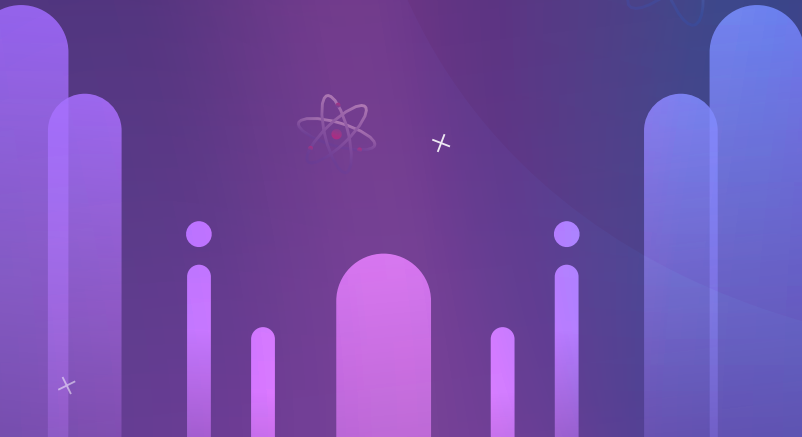




AUGUST 2-6 WASHINGTON D.C.



Saturday, August 2, 2025		
7 am–5 pm	REGISTRATION PICK-UP	GRAND HYATT–INDEPENDENCE
	WORKSHOPS (Advance registration)	
8–5	PhysTEC Workshop	Penn Quarter AB
8–5	Teaching Strategies that Work: FTI Workshop for Educators	Wilson
8–5	Learn Physics While Practicing Science: Introduction to ISLE	Offsite
8–12	Graphical Methods for Problem Solving in Kinematics, Forces & Circuits	Roosevelt
8–12	PTRA: Teaching Physics for the First Time	Burnham
8–12	Authentic Astronomy Data Analysis and Research with js9	Arlington
12–1	LUNCH ON YOUR OWN	
1–5	Hands-on Particle Physics and Engagement Strategies	Roosevelt
1–5	Quantum Computing: What's the Buzz?	Arlington
1–5	Intermediate and Advanced Labs workshop	Offsite
1–5	PTRA: Quantum Cryptography	Burnham
3–4	Finance Committee	Tiber AB
4–9	Lactation Room	Potomac
4–9	Quiet Room	Shaw
4–9	AAPT Board of Directors Meeting I	Banneker
Sunday, August 3, 2025		
7 am–5 pm	REGISTRATION PICK-UP	GRAND HYATT–INDEPENDENCE
7 am–10 pm	Lactation Room	Potomac
7 am–10 pm	Quiet Room	Shaw
8–12	AAPT Board of Directors Meeting II	Banneker
	WORKSHOPS (Advance registration)	
8–5	PhysTEC Workshop	Penn Quarter AB
8–5	Improving Access & Anti-Ableist Practices in Physics Courses	Wilson
8–12	Physics Investigations Using Sensors in Smartphones	Roosevelt
8–12	PICUP Workshop A: Integrating Computation into Introductory Physics	Cabin John
8–12	Understanding Quantum Computing Using an Augmented Reality App	Arlington
8–12	Bridging Classical and Quantum Realms Using Nuclear Magnetic Resonance	McPherson Square
8–12	200+ Physics Simulations to Inspire Classroom Engagement	Farragut Square
8–12	PIRA Lecture Demonstrations	Franklin Square
8–12	Surface Mount Electronics How-To (Design with KiCAD)	Offsite
12–1	LUNCH ON YOUR OWN	
1–5	AI in Support of Physics Labs	Roosevelt
1–5	PICUP Workshop B: Integrating Computation at Curricular Level	Cabin John
1–5	Introductory Labs to Promote Scientific Reasoning	Arlington
1–5	Reasoning Chain Construction Tasks for Assessing Student Reasoning	Farragut Square
1–5	Preparing for Student Discussions About Physics & Society	Franklin Square
1–5	Surface Mount Electronics How-To (Techniques for Building)	Offsite
1–2	AAPT Awards Committee (invite only)	Banneker
1–2	Meetings Location Committee	Tiber AB
2–3	Meeting Planning Committee (MPC) and Annual Meeting Planning Committee (AMP25)	Banneker
2–3	Membership & Benefits Committee	Tiber AB
2–3	Nominating Committee	Lafayette Park
3–4	ALPhA Open meeting	Lafayette Park
3–4	Publications Committee	Tiber AB
3–4	PERLOC meeting	Banneker

4–5	Section Representatives and Officers	Lafayette Park
4–5	Review Board	Banneker
4:30–5:15	First Timers and Early Career Meeting	Cabinet
5–6:30	WELCOME RECEPTION and EXHIBIT HALL Opening	Independence Ballroom
5–6:30	PIRA Resource Booth	Independence Foyer
5:30–6:30	POSTER SESSION I and SPS Posters	Independence Ballroom
6:30–8:30	DINNER ON YOUR OWN	
8–9	Community Leadership Meeting I	Banneker
8–9	Governance Structure Meeting	Tiber AB
8–9	Career Speed Networking	Cabinet

Monday, August 4, 2025		
	HIGH SCHOOL DAY / TYC DAY	
7 am–10 pm	Lactation Room	Potomac
7 am–10 pm	Quiet Room	Shaw
7:30 am–3 pm	REGISTRATION PICK-UP	GRAND HYATT–INDEPENDENCE
7:45–8:45	Community on Physics in Two-Year Colleges	Declaration A
7:45–8:45	Community on Contemporary Physics	Declaration B
7:45–8:45	K-Physics in HS & Pre-HS Communities	Burnham
7:45–8:45	Community on Research in Physics Education	Wilson/Roosevelt
7:45–8:45	Community on International Physics Education	Cabin John/Arlington
7:45–8:45	Community on Apparatus	Bulfinch/Renwick
7:45–8:45	Community on Professional Concerns	Farragut Square
9 am–5 pm	K–12 Teacher Lounge Open	Burnham
9 am–5 pm	Physics Belonging and Access Room Open (Physics BAR)	Banneker
9 am–5 pm	TYC Lounge Open	Tiber AB
9 am–5 pm	PIRA Resource Booth	Independence Foyer

	SESSIONS	
9–10 A01	Bio Focused Advanced Labs	Declaration A
9–10 A02	Effective Practices in Teaching Astron. and Astrophys.	Declaration B
9–10 A03	From Atoms to Wave Functions: Quantum in 4 Levels: Part 1	Franklin/McPherson
9–10 A04	Science Research in High Schools: Part 1	Wilson/Roosevelt
9–10 A05	Innovations in Quantum Curriculum: Part 1	Cabin John/Arlington
9–10 A06	Exploring New Frontiers in K-12 Physics Education	Bulfinch/Renwick
9–10 A07	Culturally Responsive Teaching: Part 1	Penn Quarter AB
9–10 A08	PER: Graduate and Beyond	Constitution DE
9–10 A09	Innovations for Introductory Physics	Lafayette Park
9–10 A10	Professional Impact of OPTYCs: Part 1	Farragut Square
9–10 A11	P/A SEA Change – An All Hands on Deck for Inclusivity and Excellence	Salon E
9–10 A12	Building Stronger Together: Transforming AAPT Area Committees into Thriving Communities	Salon A/B
9–10 A13	Funds for Your Class – What We Did with Bauder Fund \$ & How YOU Can Too	Salon C/D
10–11:30	EXHIBIT HALL OPEN	INDEPENDENCE BALLROOM
10–11	Inside Pearson's New Physics Products: A Conversation with Authors on Content, Teaching & Technology	
10–11 B01	Beyond Intro	Declaration A
10–11 B02	The Role of Peer Instruction and Collaborative Learning Environments	Declaration B
10–11 B03	From Atoms to Wave Functions: Quantum in 4 Levels: Part 2	Franklin/McPherson
10–11 B04	Science Research in High Schools: Part 2	Wilson/Roosevelt
10–11 B05	Innovations in Quantum Curriculum: Part 2	Cabin John/Arlington

10–11 B06	Innovations in K-12 Teaching	Bulfinch/Renwick
10–11 B07	Culturally Responsive Teaching: Part 2	Penn Quarter AB
10–11 B08	Connecting Learning Assistants and Graduate Students to Departments	Constitution DE
10–11 B09	PER: Courses, Curriculum, and Programs	Lafayette Park
10–11 B10	Professional Impact of OPTYCs: Part 2	Farragut Square
10–11 B11	Interactive: Award Winning Physics Lessons	Salon E
10–11 B12	Apparatus Competition Showcase	Salon A/B
10–11 B13	QuarkNet at 25+1: Data Activities	Salon C/D
11–11:30	EXHIBIT HALL BREAK	INDEPENDENCE BALLROOM

11:30–12:30	RICHTMYER MEMORIAL LECTURE AWARD: Nadya Mason	Constitution Ballroom AB
12:30–2	Mapping Your Career Path: How SPS Can Support Your Undergraduate Journey (Invite Only)	Cabinet
12:30–2	LUNCH ON YOUR OWN	
1:30–5:30	EXHIBIT HALL Open	INDEPENDENCE BALLROOM
2–3	COMMERCIAL WORKSHOP: Logger Pro is Retiring! Make a Plan for What's Next – Vernier	
2–3 C01	From Vision to Reality: Implementing the STEP UP Curriculum	Declaration A
2–3 C02	Demos in a Box	Declaration B
2–3 C03	Alternative Assessment	Franklin/McPherson
2–3 C04	Engaging Students with Educational Technology	Wilson/Roosevelt
2–3 C05	Innovations in Quantum Curriculum: Part 3	Cabin John/Arlington
2–3 C06	Building a Classroom Culture: Part 1	Bulfinch/Renwick
2–3 C07	Culturally Responsive Teaching: Part 3	Penn Quarter AB
2–3 C08	PER: Student Reasoning and Active Engagement: Part 1	Constitution DE
2–3 C09	Teaching the Introductory Physics for the Life Sciences (IPLS) Course: Part 1	Lafayette Park
2–3 C10	What We Have Learned from JWST: Part 1	Farragut Square
2–3 C11	Life After PAEMST: Opportunities and Doors	Salon E
2–3 C12	Reaching Every Student: Strategies for Success in an Evolving Academic Landscape	Salon A/B
2–3 C13	Physics with Phones	Salon C/D
3–4 D01	COMMERCIAL WORKSHOP: Renewable Energy in the Physics Classroom – Vernier	Constitution C
3–4 D02	Reframing How We Teach Physics for Engagement	Declaration A
3–4 D03	Quantum Labs	Declaration B
3–4 D04	Supporting Transfer Students and Other Lessons Learned from TYCs	Franklin/McPherson
3–4 D05	PICUP: Ideas for Integrating Computation into Introductory Physics Courses and Labs	Wilson/Roosevelt
3–4 D06	Innovations in Quantum Curriculum: Part 4	Cabin John/Arlington
3–4 D07	Building a Classroom Culture: Part 2	Bulfinch/Renwick
3–4 D08	Teacher Share-a-thon	Penn Quarter AB
3–4 D09	PER: Student Reasoning and Active Engagement: Part 2	Constitution DE
3–4 D10	IPLS Part 2: InteractivePoster Session	Lafayette Park
3–4 D11	What We Have Learned from JWST: Part 2	Farragut Square
3–4 D12	AAPT Sections: Making a Difference	Salon E
3–4 D13	Honoring Alan Van Heuveln (1938–2024)	Salon A/B
4–5	Using Tracker Online, Web EJS (Easy JavaScript Simulations), and ComPADRE	Salon C/D
5–5:30	POSTER SESSION 2	Independence Ballroom
5:30–6:30	EXHIBIT HALL Break	Independence Ballroom
	ZITZEWITZ AWARD IN K-12 TEACHING: Bree Barnett Dreyfuss	
	PhysTEC TEACHER OF YEAR: Lynn Jorgensen	
	Constitution Ballroom AB	

6:30–8	Investment Committee	Douglass
6:30–8:30	DINNER ON YOUR OWN	
8:30–10	Special Event: PIRA Demo Show	Constitution Ballroom AB

Tuesday, August 5, 2025		
7:30 am–3 pm	REGISTRATION PICK-UP	GRAND HYATT–INDEPENDENCE
7 am–10 pm	Lactation Room	Potomac
7 am–10 pm	Quiet Room	Shaw
7:45–8:45	Physics Bowl Advisory	Declaration A
7:45–8:45	Community on Space Science and Astronomy	Penn Quarter AB
7:45–8:45	Community on Teacher Preparation	Wilson/Roosevelt
7:45–8:45	Community on Women in Physics	Cabin John/Arlington
7:45–8:45	PERLOC	Bulfinch/Renwick
7:45–8:45	Community on Physics in Undergraduate Education	Lafayette Park
7:45–8:45	Community on Graduate Education in Physics	Franklin/McPherson
7:45–8:45	PIRA	Farragut Square
7:45–8:45	PTRA Oversight	Burnham
9 am–5 pm	TYC Resource Room Open	Tiber AB
9 am–5 pm	K–12 Teacher Lounge Open	Burnham
9 am–5 pm	PIRA Resource Booth	Independence Foyer
9 am–5 pm	Physics Belonging and Access Room Open (Physics BAR)	Banneker

	SESSIONS	
9–10 E01	Reframing How We Teach Physics for Engagement: Explorations	Declaration A
9–10 E02	Apparatus for Fluids: Part 1	Declaration B
9–10 E03	Reframing How We Teach: Museum Collections, Art and Literature	Franklin/McPherson
9–10 E04	PICUP: Exercises and Laboratories that Integrate Computation	Wilson/Roosevelt
9–10 E05	Developing Scientific Reasoning and Decision-Making Abilities: Part 1	Cabin John/Arlington
9–10 E06	Improving Pathways to a Physics Degree and Career	Bulfinch/Renwick
9–10 E07	Towards a More Equitable Physics: Research and Practices for Inclusion: Part 1	Penn Quarter AB
9–10 E08	PER: Beyond the First Year: Part 1	Constitution DE
9–10 E09	PER: Introductory Courses, Labs, and Group Work: Part 1	Lafayette Park
9–10 E10	Physics at HBCUs	Farragut Square
9–10 E11	Student Experiences in Physics and Astronomy Graduate Programs: Part 1	Salon E
9–10 E12	Helping Our Students Develop Hypothetico-Deductive Reasoning Skills	Salon A/B
9–10 E13	The Science of Nuclear Medicine: Part 1 Diagnostic	Salon C/D
10–11 F01	COMMERCIAL WORKSHOP: Idealized Science Institute: Helping Students & Teachers Engage in Science Authentically	Constitution C
10–11 F02	Reframing How We Teach Physics for Engagement: Intro Physics	Declaration A
10–11 F03	Phenomena-based Approaches to Teaching and Learning About Waves	Declaration B
10–11 F04	Educational Technologies: AI	Franklin/McPherson
10–11 F05	Developing Scientific Reasoning and Decision-Making Abilities: Part 2	Wilson/Roosevelt
10–11 F06	K-12 PER	Bulfinch/Renwick
10–11 F07	Towards a More Equitable Physics: Research and Practices for Inclusion: Part 2	Penn Quarter AB
10–11 F08	PER: Beyond the First Year: Part 2	Constitution DE

10–11 F09	PER: Introductory Courses, Labs, and Group Work: Part 2	Lafayette Park
10–11 F10	Integrating Quantum Across Levels	Farragut Square
10–11 F11	Student Experiences in Physics and Astronomy Graduate Programs: Part 2	Salon E
10–11 F13	The Science of Nuclear Medicine: Part 2 Radiation Therapy	Salon C/D
10–11:30	EXHIBIT HALL Open	Independence Ballroom
11–11:30	EXHIBIT HALL Break	Independence Ballroom
11:30–12:30	KLOPSTEG MEMORIAL LECTURE AWARD: Sean Carroll	Constitution Ballroom AB
	SEA Change Award	
	LUNCH ON YOUR OWN	
	Mapping Your Career Path: How SPS Can Support Your Undergraduate Journey (Invite Only)	
	EXHIBIT HALL Open	
	COMMERCIAL WORKSHOP: Meter Stick Physics! Teach more labs using the meter stick!	
	SESSIONS	
2–3 G01	Beyond Intro: Quantum	Declaration A
2–3 G02	Cross-disciplinary Labs	Declaration B
2–3 G03	Sunrise, Sunset: Deriving the Duration of Our Days	Franklin/McPherson
2–3 G04	PER: AI in the Classroom and Research: Part 1	Wilson/Roosevelt
2–3 G05	Developing Scientific Reasoning and Decision-Making Abilities: Part 3	Cabin John/Arlington
2–3 G06	Identity and Belonging in Physics Learning	Bulfinch/Renwick
2–3 G07	Creating Inclusive and Supportive Physics Communities: Part 1	Penn Quarter AB
2–3 G08	PER: Conceptual Inventories: Part 1	Constitution DE
2–3 G09	PER: Assessment Tools and Methods	Lafayette Park
2–3 G10	Celebrating 20 Years of Physical Review Physics Education Research	Farragut Square
2–3 G11	Advances in Medical Physics: What You and Your Students Should Know	Salon E
2–3 G12	Graduate Student Life: Contemporary Issues in Graduate Programs	Salon A/B
2–3 G13	Using Arduino for Labs and Student Projects	Salon C/D
3–4 H01	Reframing How We Teach for Engagement: Modern Physics	Declaration A
3–4 H02	Labs/Apparatus	Declaration B
3–4 H03	Frontiers in Space Science and Astronomy	Franklin/McPherson
3–4 H04	PER: AI in the Classroom and Research: Part 2	Wilson/Roosevelt
3–4 H05	Developing Scientific Reasoning and Decision-Making Abilities: Part 4	Cabin John/Arlington
3–4 H06	How Do You Teach About Women and Individuals from Minoritized Groups in Physics?	Bulfinch/Renwick
3–4 H07	Creating Inclusive and Supportive Physics Communities: Part 2	Penn Quarter AB
3–4 H08	PER: Conceptual Inventories: Part 2	Constitution DE
3–4 H09	PER: Diversity, Equity, and Inclusion	Lafayette Park
3–4 H10	Celebrating 20 Years of Physical Review Physics Education Research	Farragut Square
3–4 H11	The Living Physics Portal	Salon E
3–4 H12	Rethinking the Undergraduate Physics Curriculum	Salon A/B
3–4 H13	Using Manim to Create High-Quality Mathematical Animations	Salon C/D
4–4:30	EXHIBIT HALL Break and Raffle Drawing	Independence Ballroom
4:30–5:30	Bauder & Venture Fund	Declaration A
4:30–5:30	Community on Educational Technologies	Declaration B
4:30–5:30	Community on Science Education for the Public	Penn Quarter AB
4:30–5:30	Community on Diversity	Cabin John/Arlington
4:30–5:30	PERG Town Hall	Bulfinch/Renwick

4:30–5:30	Community on Laboratories	Farragut Square
4:30–5:30	Community on History and Philosophy in Physics	Franklin/McPherson
5:30–7:30	DINNER ON YOUR OWN	
7–8 pm	REGISTRATION PICK-UP	GRAND HYATT–INDEPENDENCE
7:30–8:30	CHESAPEAKE SECTION EVENT: Public Lecture by John Mather	Constitution Ballroom AB
9–11:30	Game Night	Cabinet

Wednesday, August 6, 2025		
7 am–10 pm	Lactation Room	Potomac
7 am–10 pm	Quiet Room	Shaw
7:30 am–3 pm	REGISTRATION PICK-UP	GRAND HYATT–INDEPENDENCE
7:45–8:45	Community Leadership Meeting II	Banneker
9–5	TYC Lounge	Tiber AB
9–10	PLENARY: SPEAKER Jane Rigby	Constitution Ballroom AB
	SPS-AAPT-ALPhA Award	
	SESSIONS	
10–11 I01	Teaching the Introductory Physics for the Life Sciences (IPLS) Course: Part 3	Declaration A
10–11 I02	Labs	Declaration B
10–11 I03	Sense-Making Across Different Domains: Part 1	Franklin/McPherson
10–11 I04	PICUP: Teaching About Quantum Computing and Quantum Mechanics	Wilson/Roosevelt
10–11 I05	Cultivating Physics Educators: Pathways, Practices, and Professional Growth: Part 1	Cabin John/Arlington
10–11 I06	PER: Assessment	Bulfinch/Renwick
10–11 I07	PER: Student Reasoning, Learning, and Behavior: Part 1	Penn Quarter AB
10–11 I08	Advanced Labs by Undergrads	Constitution DE
10–11 I09	PER: Outreach and Informal Physics	Lafayette Park
10–11 I10	Advocacy in Physics Education: Part 1–Sponsored by AIP	Farragut Square
10–11 I11	Women in Quantum Research	Salon E
10–12 I12	Honoring the Legacy and Impact of Joe Redish	Salon A/B
11–12 J01	Teaching the Introductory Physics for the Life Sciences (IPLS) Course: Part 4	Declaration A
11–12 J02	Assessing Lab Strategies and Outcomes	Declaration B
11–12 J03	Sense-Making Across Different Domains: Part 2	Franklin/McPherson
11–12 J04	Educational Technology for Active Engagement and Assessment	Wilson/Roosevelt
11–12 J05	Cultivating Physics Educators: Pathways, Practices, and Professional Growth: Part 2	Cabin John/Arlington
11–12 J06	Demystifying Quantum: From Student Reasoning to Teacher Preparation	Bulfinch/Renwick
11–12 J07	PER: Student Reasoning, Learning, and Behavior: Part 2	Penn Quarter AB
11–12 J08	PER: Mathematical Reasoning and Problem Solving	Constitution DE
11–12 J10	Advocacy in Physics Education: Part 2–Sponsored by AIP	Farragut Square
11–12 J11	Astronomy Share-A-Thon	Salon E
12–1	LILLIAN MCDERMOTT MEDAL: Bruce Mason	Constitution Ballroom AB
1–2	AAPT Board of Directors Meeting III	Banneker
2–3:45	PERC Bridging Session	Constitution Ballroom AB

NOTE: *Salon* rooms are in Washington at Metro Center Hotel