

2014 AAPT Summer Meeting Registration Form

July 26–30, 2014, Minneapolis, MN • University of Minnesota

How to Register

- Register online at www.aapt.org
- Mail form to: AAPT Programs & Conferences
 One Physics Ellipse, College Park, MD 20740
- Fax: 301-209-0845

Member Member No.: _____ Non-member

First Name _____

Last Name _____

Address _____

City _____ State/Province _____

Country _____ Zip/Postal Code _____

Institution _____

Email _____

Phone: Home Work (____) _____

Fax Home Work (____) _____

Emergency Contact _____

Emergency Phone No. _____

Check applicable boxes

- Attending for the first time
- Becoming an AAPT member
- Renewing my membership

Type of school affiliation:

High School Two-Year College Four-Year College Other

Disabilities/ Special Needs _____

To qualify as "preregistered" status, forms must be postmarked by **July 11, 2014**, and received in the Executive Office with full payment. Forms postmarked after this date will NOT be processed, and attendees must register on-site. Deadline for registration cancellation is **July 11** (a \$75 cancellation processing fee will be assessed until May 26. The fee will be \$100 from May 26–June 20, and \$125 from June 21–July 11. For students, the cancellation fee is 50% of registration.) **No refunds will be given after July 11, 2014.**

A \$10 administrative fee is charged for mailed in registration forms.

By registering for this meeting, I grant AAPT permission to use photographs and videos taken of me in group settings during the meeting for future published materials.

Received by 5/29/14 Received by 6/20/14 On-site 6/21–7/11

Registration Fees (circle one)

AAPT Member – Full meeting	\$370	\$494	\$693
AAPT Member – Retired/Emer./Lifetime	\$275	\$435	\$607
Non-member – Full meeting	\$585	\$709	\$909
Under./Grad. Student AAPT members	\$40	\$50	\$66
AAPT Member – 1 Day (day? _____)	\$245	\$379	\$525
Non-member – 1 Day (day? _____)	\$460	\$594	\$740
High School Students	Complimentary		
Workshop Only	\$85 (non-refundable)		
Family/ Guest Registration:	<input type="checkbox"/> \$40 (Spouse/guest)	<input type="checkbox"/> \$30 Child (7–16 yr)	
NAME(S): _____	<input type="checkbox"/> Free Child 6 & under		

Members and Non-members, use Workshop Only below if attending Saturday or Sunday workshop without attending the Meeting

Workshop Only (not attending meeting) \$85 plus fee \$ _____
 Attending Meeting (fill out form on next page; write in fee) \$ _____

Special Events (optional)

- 1. Soudan/NOVA Trip Friday, July 25, 7:30 a.m.–9:30 p.m. # Persons @ \$99 ea. \$ _____
- 2. First Timers' Gathering Monday, July 28, 7–8:30 a.m. # Persons _____ (free)
- 3. Monday Kindle Fire Raffle 10–10:30 a.m. # _____ @ \$2 ea. \$ _____
- 4. Early Career Professionals Speed Networking Event Monday, July 28, 12–1:30 p.m. # Persons _____ (free)
- 5. Spouses/Guests Mississippi Queen River Boat Tour Monday, July 28, 12–1:30 p.m. # Persons _____ @ \$25 ea. \$ _____
- 6. H.S. Physics Teachers' Day Luncheon Monday, July 28, 12–1:30 p.m. # Persons _____ (free)
- 7. Monday AMEX Raffle 3:30–4 p.m. # _____ @ \$1 ea. \$ _____
- 8. Annual AAPT Fun Run/Walk Tuesday, July 29, 6:30–8 a.m. # Persons _____ @ \$20 ea. \$ _____
- 9. TYC Breakfast Tuesday, July 29, 7–8:30 a.m. # Persons _____ @ \$24 ea. \$ _____
- 10. Tuesday Am Ex Raffle 10–10:30 a.m. # _____ @ \$1 ea. \$ _____
- 11. Retired Physicists' Breakfast Monday, July 28, 7:30–8:30 a.m. # Persons _____ @ \$35 ea. \$ _____
- 12. Tuesday AMEX Raffle 10–10:30 a.m. # _____ @ \$1 ea. \$ _____
- 13. Tuesday iPad Mini Raffle 3–3:30 p.m. # _____ @ \$5 ea. \$ _____
- 14. Trolley Tour of Minneapolis Tuesday, July 29, 6:30–7:30 p.m. # Persons _____ @ \$30 ea. \$ _____
- 15. Pub Crawl Tuesday, July 29, 10 p.m.–1 a.m. # Persons _____ @ 5 ea. \$ _____
- 16. Mall of America Trip Wednesday, July 30, 3:30–8 p.m. # Persons _____ @ 18 ea. \$ _____
- 17. Zooniverse in the Classroom Wednesday, July 30, 3:30–5:30 p.m. # Persons _____ (free)
- 18. PER Conference & Banquet Wednesday, July 30, 5–8:30 p.m. # Persons _____ @ \$180 ea. \$ _____
 Banquet Only, July 30, 5–8:30 p.m. # Persons _____ @ \$55 ea. \$ _____
- 19. Amusement Park Physics Thursday, July 31, 9 a.m.–3 p.m. # Persons _____ @ \$35 ea. \$ _____

Total Fees

Registration Fee \$ _____
 Workshop Fee(s) \$ _____
 Special Events Fee(s) \$ _____
 Administrative Fee \$ **10** _____
 P.O.# _____

TOTAL: \$ _____

Make checks payable to AAPT; No credit cards accepted

Registration for workshops is first-come, first-served, so register early to secure a place in the workshop of your choice. Please use a checkmark for your initial choices, then indicate subsequent choices numerically, in case first choice is unavailable. No form postmarked after July 11, 2014, will be accepted in the Executive Office for processing. Workshop abstracts can be found online at www.aapt.org/Conferences/sm2014/workshops.cfm.
(Note: There will be an additional \$10 charge for registering for workshops on-site.)

NAME _____

(Use checkmarks for 1st choices, then rank subsequent choices numerically... 1, 2, 3, etc.) (All workshops will be held at the University of Minnesota)

Workshops, Saturday, July 26 **Time** **Fees**

				Mem.	Non-Mem.	
T01	Not Everyone Wants to go to Grad School: How to be a Mentor for “the Other 40%”9:00 a.m.–12:00 p.m.	T01:	\$60	\$85	_____	
T02	GlowScript: An Easy-to-use Programming Environment for 3D Browser Animations.....1:30 p.m.–3:00 p.m.	T02:	\$60	\$85	_____	
W01	Morning Tour of the Bakken Museum.....8:00 a.m.–12:00 p.m.	W01:	\$10	\$10	_____	
W02	Integrating Direct-Measurement Videos into Physics Instruction8:00 a.m.–12:00 p.m.	W02:	\$65	\$90	_____	
W03	Open-Source Electronics for Laboratory Physics8:00 a.m.–12:00 p.m.	W03:	\$140	\$165	_____	
W04	FPGAs in the Lab.....8:00 a.m.–12:00 p.m.	W04:	\$75	\$100	_____	
W05	A Taste of TOPPS.....8:00 a.m.–12:00 p.m.	W05:	\$70	\$95	_____	
W06	Inquiring into Radioactivity for Radiation Literacy8:00 a.m.–12:00 p.m.	W06:	\$60	\$85	_____	
W07	Astronomy Is a Verb: Engaging Novice Science Students in Scaffolded Astro. Research.8:00 a.m.–12:00 p.m.	W07:	\$60	\$85	_____	
W08	Making Interactive Video Vignettes and Interactive Web Lectures8:00 a.m.–12:00 p.m.	W08:	\$65	\$90	_____	
W09	Physics of Energy.....8:00 a.m.–5:00 p.m.	W09:	\$80	\$105	_____	
W10	AP Physics 1&2.....8:00 a.m.–5:00 p.m.	W10:	\$185	\$210	_____	
W11	Learning Physics While Practicing Science: Introduction to ISLE.....8:00 a.m.–5:00 p.m.	W11:	\$86	\$111	_____	
W12	PIRA Demonstration Workshop I.....8:00 a.m.–5:00 p.m.	W12:	\$115	\$140	_____	
W13	Introductory Laboratories.....8:00 a.m.–12:00 p.m.	W13:	\$70	\$95	_____	
W14	Afternoon Tour of the Bakken Museum1:00 p.m.–5:00 p.m.	W14:	\$10	\$10	_____	
W15	Activity-based Physics for the Advanced HS Classroom.....1:00 p.m.–5:00 p.m.	W15:	\$68	\$93	_____	
W16	Tinkering and Explorations in Science – Integrating Sensors / Data Acq. with Arduino .1:00 p.m.–5:00 p.m.	W16:	\$110	\$135	_____	
W17	Energy in the 21st Century.....1:00 p.m.–5:00 p.m.	W17:	\$80	\$105	_____	
W18	Tips for Putting Fire into Your Teaching1:00 p.m.–5:00 p.m.	W18:	\$60	\$85	_____	
W19	Skepticism in the Classroom.....1:00 p.m.–5:00 p.m.	W19:	\$60	\$85	_____	
W20	Introductory Physics for Life Science - Curricular Materials and Activities1:00 p.m.–5:00 p.m.	W20:	\$80	\$105	_____	
W21	Simple Experiments for Learning the Strategies that Mirror Science Practices1:00 p.m.–5:00 p.m.	W21:	\$65	\$90	_____	

Workshops, Sunday, July 27 **Time** **Fees**

W22	Activities for Learning About Climate and Climate Change.....8:00 a.m.–12:00 p.m.	W22:	\$60	\$85	_____	
W23	Creating Interactive Web Simulations Using HTML5 and JavaScript.....8:00 a.m.–12:00 p.m.	W23:	\$60	\$85	_____	
W24	Integrating NGSS, Design, and Literacy1:00 p.m.–5:00 p.m.	W24:	\$60	\$85	_____	
W25	What Every Physics Teacher Should Know About Cognitive Research8:00 a.m.–12:00 p.m.	W25:	\$60	\$85	_____	
W26	Extreme Engineering for the HS Students and Teachers8:00 a.m.–12:00 p.m.	W26:	\$60	\$85	_____	
W27	Patterns Approach8:00 a.m.–12:00 p.m.	W27:	\$70	\$95	_____	
W28	Teaching Astronomy with Mobile Devices.....8:00 a.m.–12:00 p.m.	W28:	\$20	\$45	_____	
W29	Demo Kit in a Box8:00 a.m.–12:00 p.m.	W29:	\$70	\$95	_____	
W30	Interactive Engagement in the Upper-Division: Methods & Materials from CU-Boulder.8:00 a.m.–12:00 p.m.	W30:	\$72	\$97	_____	
W31	Strengthening Mathematical Sensemaking in Physics.....8:00 a.m.–12:00 p.m.	W31:	\$60	\$85	_____	
W32	New RTP and ILD Tools and Curricula: Video Analysis, Clickers and E&M Labs.....8:00 a.m.–12:00 p.m.	W32:	\$75	\$100	_____	
W33	PIRA Demonstration Workshop II.....8:00 a.m.–5:00 p.m.	W33:	\$115	\$140	_____	
W34	Research-based Alternatives to Traditional Physics Problems8:00 a.m.–5:00 p.m.	W34:	\$80	\$105	_____	
W35	Advanced Labs.....1:00 p.m.–5:00 p.m.	W35:	\$85	\$110	_____	
W36	Cosmology in the Classroom1:00 p.m.–5:00 p.m.	W36:	\$60	\$85	_____	
W37	LEAP: Learner-Centered Environment for Algebra-based Physics1:00 p.m.–5:00 p.m.	W37:	\$60	\$85	_____	
W38	Improving Assessment in Your Courses Using Tools from the PER User’s Guide1:00 p.m.–5:00 p.m.	W38:	\$60	\$85	_____	
W39	Strategies to Help Women Succeed in Physics-related Professions1:00 p.m.–5:00 p.m.	W39:	\$60	\$85	_____	
W40	Research-based Materials for a New Introductory Quantum Mechanics Curriculum1:00 p.m.–5:00 p.m.	W40:	\$60	\$85	_____	
W41	Physics Mentoring Training1:00 p.m.–5:00 p.m.	W41:	\$75	\$100	_____	
W42	Using, Modifying, and Building Internet Problem-solving Coaches for Your Students.....1:00 p.m.–5:00 p.m.	W42:	\$60	\$85	_____	
W43	Using the MIT MOOC to Teach You and Your Class Better.....1:00 p.m.–5:00 p.m.	W43:	\$60	\$85	_____	
W44	SCALE-UP 1.....1:00 p.m.–5:00 p.m.	W44:	\$65	\$90	_____	
W45	Physics and Toys II: Energy, Momentum, Electricity, and Magnetism Scheduling.....1:00 p.m.–5:00 p.m.	W45:	\$70	\$95	_____	
W46	Physics Union Mathematics (PUM): Bringing Science & Engin. Practices to Class1:00 p.m.–5:00 p.m.	W46:	\$64	\$89	_____	