

# Meeting Registration Form

Received by 5/17/16	Received by 6/30/16	Onsite 7/1-7/20
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## How to Register

- Register online at [www.aapt.org](http://www.aapt.org)
- Mail form to: AAPT Programs & Conferences  
One Physics Ellipse, College Park, MD 20740

Member      Member No.: \_\_\_\_\_       Nonmember

First Name \_\_\_\_\_

Last Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State/Province \_\_\_\_\_

Country \_\_\_\_\_ Zip/Postal Code \_\_\_\_\_

Institution: \_\_\_\_\_

Email \_\_\_\_\_

Emergency Contact \_\_\_\_\_

Phone:  Home  Work (\_\_\_\_) \_\_\_\_\_

Fax  Home  Work (\_\_\_\_) \_\_\_\_\_

## 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 received in the Executive Office with full payment by **June 30, 2016**. Forms received after this date may NOT be processed, and attendees may have to register onsite. Deadline for registration cancellation is **June 30** (a \$75 cancellation processing fee will be assessed until May 28. The fee will be \$100 from May 29-June 30, and \$125 from June 26-June 30. For students, the cancellation fee is 50% of registration.) No refunds will be given after **June 30, 2016**.

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

**Photo Release:** AAPT and its legal representatives and assigns, retain the right and permission to publish, without charge, photographs taken during this event. These photographs may be used in publications, including electronic publications, or in audio-visual presentations, promotional literature, advertising, or in other similar ways.

**Attendee emails will be shared with conference exhibitors.**

## Registration Fees (circle one)

AAPT Member – Full meeting	\$375	\$499	\$698
AAPT Member – Retired/Emer./Lifetime	\$280	\$440	\$612
Non-member – Full meeting	\$590	\$714	\$914
Under./Grad. student AAPT members	\$45	\$55	\$75
AAPT Member – 1 Day (day? _____)	\$250	\$384	\$530
Non-member – 1 Day (day? _____)	\$465	\$599	\$745

High School Students Complimentary

Workshop Only \$85 (non-refundable)

Family/ Guest Registration:  \$40 (Spouse/guest)  \$30 Child (7-16 yr)

NAME(S): \_\_\_\_\_ 6 & under free

**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 \$ \_\_\_\_\_

(fill out form on next page; write in fee) \$ \_\_\_\_\_

## Commercial Workshops (free) (check one)

- CW01: PASCO, 7/18, 12-1 p.m.  CW02: PASCO, 7/18, 1:30-2:30 p.m.
- CW03: PASCO, 7/18, 3-4 p.m.  CW04: WebAssign, 7/18, 12-1 p.m.  CW05: WebAssign, 7/19, 12-1 p.m.  CW06: Expert TA, 7/18, 12-1 p.m.  CW07: Perimeter Inst., 7/18, 12-1:30 p.m.  CW08: Perimeter Inst., 7/18, 2:30-4 p.m.
- CW09: Perimeter Inst., 7/19, 12-1:30 p.m.  CW10: Perimeter Inst., 7/19, 2-3:30 p.m.  CW11: Vernier, 7/19, 12-2 p.m.

## Special Events (optional)

- 1. California Wine Tour # Persons \_\_\_\_\_ @ \$80 \$ \_\_\_\_\_  
Saturday, July 16, 10:30 a.m.-4:30 p.m.
- 2. AAPT Summer Meeting Dance Party # Persons \_\_\_\_\_ (free)  
Sunday, July 17, 10 p.m.-midnight
- 3. First Timers' Breakfast # Persons \_\_\_\_\_ (free)  
Monday, July 18, 7-8:30 a.m.
- 4. Guest Gathering # Persons \_\_\_\_\_ (free)  
Monday, July 18, 9-10 a.m.
- 5. Early Career Professionals Speed Networking Event # Persons \_\_\_\_\_ (free)  
Monday, July 18, 12-1:30 p.m.
- 6. H.S. Teachers' Day Luncheon # Persons \_\_\_\_\_ @ \$38 ea \$ \_\_\_\_\_  
Monday, July 18, 12-1:30 p.m.
- 7. Retired Physicists Luncheon # Persons \_\_\_\_\_ @ \$26 ea. \$ \_\_\_\_\_  
Monday, July 18, 12-1:30 a.m.
- 8. Spin Class at Sheraton Grand # Persons \_\_\_\_\_ @ \$20 ea \$ \_\_\_\_\_  
Monday, July 18, 6:45-7:45 a.m.
- 9. AAPT Fun Run/Walk # Persons \_\_\_\_\_ @ \$25 \$ \_\_\_\_\_  
Tuesday, July 19, 6-8 a.m.
- 10. Two-Year College Breakfast # Persons \_\_\_\_\_ @ \$34 \$ \_\_\_\_\_  
Tuesday, July 19, 7-8:30 a.m.
- 11. LGBT Meetup # Persons \_\_\_\_\_ (free)  
Tuesday, July 19, 12-1:30 p.m.
- 12. Summer Meeting Picnic # Persons \_\_\_\_\_ @ \$25 \$ \_\_\_\_\_  
and Demo show at PASCO  
Tuesday, July 19, 6:30-9 p.m.
- 13. Yoga on Sacramento Capitol Lawn # Persons \_\_\_\_\_ @ \$15 ea \$ \_\_\_\_\_  
Wednesday, July 20, 6:45-7:45 a.m.
- 14. PER Conference & Reception # Persons \_\_\_\_\_ @ \$145 ea. \$ \_\_\_\_\_  
July 20-21
- 15. PER Reception Only, July 20, 7:30-9 p.m. # Persons \_\_\_\_\_ @ \$30 ea. \$ \_\_\_\_\_
- 16. Monday Raffles: Amazon Tap 10:20 a.m. # \_\_\_\_\_ @ \$2 ea. \$ \_\_\_\_\_  
Sportshot Action Camera 3:50 p.m. # \_\_\_\_\_ @ \$2 ea. \$ \_\_\_\_\_
- 17. Tuesday Raffles: \$100 gift card 10:20 a.m. # \_\_\_\_\_ @ \$2 ea. \$ \_\_\_\_\_  
Kindle HD 3:50 p.m. # \_\_\_\_\_ @ \$2 ea. \$ \_\_\_\_\_

Registration Fee \$ \_\_\_\_\_

Workshop Fee(s) \$ \_\_\_\_\_

Special Events Fee(s) \$ \_\_\_\_\_

Administrative Fee \$ \_\_\_\_\_

**TOTAL:** \$ \_\_\_\_\_

**Make checks payable to AAPT; No credit cards accepted**

**Purchase Order No.** \_\_\_\_\_

# Workshop Registration Form

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 (in case first choice is unavailable) numerically. No form received after June 30, 2016, will be accepted in the Executive Office for processing. Workshop abstracts can be found online at [www.aapt.org/Conferences/sm2016/workshops.cfm](http://www.aapt.org/Conferences/sm2016/workshops.cfm).

**NAME** \_\_\_\_\_

(Use checkmarks for 1st choices, then rank subsequent choices numerically . . . 1, 2, 3, etc.)

(All workshops will be held at California State University, Sacramento)

Workshops, Saturday, July 16		Time	Fees		
			Mem.	Non-Mem.	
W01	Teaching Physical Science with the Engineering is Elementary Curriculum.....	8:00 a.m.–12:00 p.m.	W01: \$65	\$90	_____
W02	Creating Interactive Electronic Books for Computers and Tablets .....	8:00 a.m.–12:00 p.m.	W02: \$60	\$85	_____
W03	PIRA Lecture Demonstrations I & II Condensed: Selections from the PIRA 200.....	8:00 a.m.–12:00 p.m.	W03: \$95	\$120	_____
W04	DC Circuits.....	8:00 a.m.–12:00 p.m.	W04: \$80	\$105	_____
W05	Interactive Learning with Direct Measurement Video.....	8:00 a.m.–12:00 p.m.	W05: \$60	\$85	_____
W06	Impact of Materials on Society–Interdis. Course Connecting Science & Everyday Life...	8:00 a.m.–12:00 p.m.	W06: \$0	\$0	_____
W07	Slowing it Down: High Speed Cameras in Lecture and Lab.....	8:00 a.m.–12:00 p.m.	W07: \$65	\$90	_____
W08	Making Interactive Video Vignettes and Interactive Web Lectures.....	8:00 a.m.–12:00 p.m.	W08: \$60	\$85	_____
W45	Solar Cookers for Learning about Materials, Energy, Sensing, and Society.....	8:00 a.m.–12:00 p.m.	W45: \$60	\$85	_____
W10	Developing Inquiry Labs and Activities for AP Physics .....	8:00 a.m.–5:00 p.m.	W10: \$95	\$120	_____
W11	Learn Physics While Practicing Science: Introduction to ISLE .....	8:00 a.m.–5:00 p.m.	W11: \$82	\$107	_____
W12	Tools for Teaching Students to Synthesize Concepts .....	1:00 p.m.–5:00 p.m.	W12: \$60	\$85	_____
W13	Cool NASA Stuff, NGSS, and Cultural Competency.....	1:00 p.m.–5:00 p.m.	W13: \$65	\$90	_____
W14	Computational Modeling in Introductory Physics (vPython and Excel).....	1:00 p.m.–5:00 p.m.	W14: \$60	\$85	_____
W15	Making Physics Videos Using Tablets .....	1:00 p.m.–5:00 p.m.	W15: \$65	\$90	_____
W17	Using Kepler Mission Data in the Classroom.....	1:00 p.m.–5:00 p.m.	W17: \$90	\$115	_____
W18	Fun, Engaging and Effective Labs and Demos with Clickers, Video Analysis.....	1:00 p.m.–5:00 p.m.	W18: \$75	\$100	_____
W19	Introductory Laboratories for Mechanics.....	1:00 p.m.–5:00 p.m.	W19: \$72	\$97	_____
W20	Making the Invisible Visible: Using IR Cameras in Lecture and Lab.....	1:00 p.m.–5:00 p.m.	W20: \$60	\$85	_____
W21	Submitting Successful Proposals to the NSF S-STEM Program.....	1:00 p.m.–5:00 p.m.	W21: \$60	\$85	_____

Workshops/Tutorials, Sunday, July 17		Time	Fees		
			Mem.	Non-Mem.	
T01	Observing the 2017 Solar Eclipse.....	8:00 a.m.–10:00 a.m.	T01: \$50	\$75	_____
T02	Electrostatics Tutorial.....	8:00 a.m.–10:00 a.m.	T02: \$50	\$75	_____
T03	An Introduction to Race, Ethnicity, and Equity in Physics Education .....	8:00 a.m.–11:00 a.m.	T03: \$50	\$75	_____
T04	Using Learning Assistants to Flip Introductory Physics - Part I .....	8:00 a.m.–10:00 a.m.	T04: \$25	\$50	_____
W22	How to Implement Collaborative Learning Activities in an IPLS Course.....	8:00 a.m.–12:00 p.m.	W22: \$125	\$150	_____
W23	C3PO: Customizable Web-based Computer Coaches to Help your Students .....	8:00 a.m.–12:00 p.m.	W23: \$60	\$85	_____
W24	Composing Science: A Workshop on Teaching Writing in the Inquiry Classroom .....	8:00 a.m.–12:00 p.m.	W24: \$60	\$85	_____
W25	What Every Physics Teacher Should Know About Cognitive Research .....	8:00 a.m.–12:00 p.m.	W25: \$60	\$85	_____
W26	Teaching Introductory Astronomy Using Quantitative Reasoning Activities.....	8:00 a.m.–12:00 p.m.	W26: \$68	\$93	_____
W27	Authentic Experimentation in Labs Using Structured Quantitative Inquiry .....	8:00 a.m.–12:00 p.m.	W27: \$70	\$95	_____
W28	Integrating Computation into Undergraduate Physics .....	8:00 a.m.–12:00 p.m.	W28: \$20	\$45	_____
W29	Waves of Light and Sound: An Exploratorium Workshop .....	8:00 a.m.–12:00 p.m.	W29: \$60	\$85	_____
W30	Demo Kit in a Box .....	8:00 a.m.–12:00 p.m.	W30: \$70	\$95	_____
W31	Learner-centered Environment for Algebra-based Physics .....	8:00 a.m.–12:00 p.m.	W31: \$60	\$85	_____
W46	The Physics of Chemistry .....	8:00 a.m.–12:00 p.m.	W46: \$70	\$95	_____
T05	Using Learning Assistants to Flip Introductory Physics - Part II.....	10:30 a.m.–1:30 p.m.	T05: \$25	\$50	_____
W33	Activity-based Physics in the High School Classroom.....	8:00 a.m.–5:00 p.m.	W33: \$80	\$105	_____
W34	Research-based Alternatives to Traditional Physics Problems .....	8:00 a.m.–5:00 p.m.	W34: \$80	\$105	_____
W35	Physics of Energy Labs.....	8:00 a.m.–5:00 p.m.	W35: \$105	\$130	_____
W36	Learning Activities for Life Science in Introductory Physics.....	1:00 p.m.–5:00 p.m.	W36: \$75	\$100	_____
W37	Strategies to Help Women at All Levels to Succeed in Physics-related Professions .....	1:00 p.m.–5:00 p.m.	W37: \$60	\$85	_____
W38	Developing the Next Generation of Physics Assessments.....	1:00 p.m.–5:00 p.m.	W38: \$60	\$85	_____
W39	Raising Physics to the Surface .....	1:00 p.m.–5:00 p.m.	W39: \$60	\$85	_____
W40	Fun and Engaging Labs.....	1:00 p.m.–5:00 p.m.	W40: \$60	\$85	_____
W41	Intermediate and Advanced Laboratories.....	1:00 p.m.–5:00 p.m.	W41: \$85	\$110	_____
W42	Student Learning in Next Generation Physics and Everyday Thinking .....	1:00 p.m.–5:00 p.m.	W42: \$65	\$90	_____
W43	Activities for Teaching About Climate and Climate Change.....	1:00 p.m.–5:00 p.m.	W43: \$60	\$85	_____
W44	Just-in-Time Teaching .....	1:00 p.m.–5:00 p.m.	W44: \$20	\$45	_____

Mail completed form to: AAPT Programs and Conferences, One Physics Ellipse, College Park, MD 20740-3845  
Or fax to: 301-209-0845