

# High School Physics Teacher's Day Registration Form for First-Time AAPT Meeting Attendees

Monday, July 27, 2015 • College Park, MD • University of Maryland

## Registration fees

Attendee One-Day Registration: \$85 (Includes lunch)

Member Member No.: \_\_\_\_\_  Non-member

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

School Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Email \_\_\_\_\_

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

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

Emergency Contact \_\_\_\_\_ Phone No: \_\_\_\_\_

## Check applicable boxes

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

Type of school affiliation:

High School

Disabilities/ Special Needs \_\_\_\_\_

## Total Fees

- Check made out to AAPT
- Money Order
- Credit Card
- Purchase Order No. \_\_\_\_\_

Please print clearly.

\_\_\_\_ Visa \_\_\_\_ MasterCard \_\_\_\_ Discover \_\_\_\_ Am. Express

Account Number \_\_\_\_\_

Expiration Date \_\_\_\_\_

Sec. Code \_\_\_\_\_

Name on Card \_\_\_\_\_

Signature: \_\_\_\_\_

Registration Fee (\$85) \$ \_\_\_\_\_

I will attend lunch yes no (Free to participants)

Guest Fee \$70 (Includes registration & lunch) \$ \_\_\_\_\_

Children \$60 (Includes registration & lunch) \$ \_\_\_\_\_

I will attend First-Timer's Event yes no (free)

Wireless Internet Connection: \$10 for July 27 \$ \_\_\_\_\_

### Monday Raffles

Jawbone Up Tracker 10-10:30 a.m. # \_\_\_\_\_ @ \$2 ea. \$ \_\_\_\_\_

Solo Beats Headphones 3:30-4 p.m. # \_\_\_\_\_ @ \$2 ea. \$ \_\_\_\_\_

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

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

There will be a **\$30** processing fee for all canceled registrations.

\_\_\_ Member No.    \_\_\_ Non-Member

## Registration fees

### How to Register:

Mail form to AAPT Programs & Conferences, One Physics Ellipse, College Park, MD 20740  
 Fax form to 301-209-0845, or email to [programs@aapt.org](mailto:programs@aapt.org)    Questions: Call 301-209-3340

Name: (please print clearly): \_\_\_\_\_

School Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Email: \_\_\_\_\_

Phone: \_\_\_\_\_ Cell: \_\_\_\_\_ Fax: \_\_\_\_\_

Check made out to AAPT

Money Order

Credit Card

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

WORKSHOP # and Fee: \_\_\_\_\_

\_\_\_ Visa    \_\_\_ MasterCard    \_\_\_ Discover    \_\_\_ Am. Express

Account Number: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

Total Fee:            \$ \_\_\_\_\_

Name on Card \_\_\_\_\_

Signature: \_\_\_\_\_

## Workshops – Saturday, July 25

			<b>Mem.</b>	<b>Non-Mem.</b>
W01	Tour of the Neils Bohr Archive and Library .....	8:00 a.m.–12:00 p.m.	W01:	\$70 \$95
W03	FPGAs.....	8:00 a.m.–12:00 p.m.	W03:	\$80 \$105
W04	Ramps Bungee Cords: Bringing It Together—Modeling, Assessment and Engineering .....	8:00 a.m.–12:00 p.m.	W04:	\$60 \$85
W05	Data Analysis for Astronomy Educators .....	8:00 a.m.–12:00 p.m.	W05:	\$60 \$85
W06	Integrating Physics and Geology into Engineering for STEM .....	8:00 a.m.–12:00 p.m.	W06:	\$70 \$95
W07	Learn Physics While Practicing Science: Introduction to ISLE .....	8:00 a.m.–5:00 p.m.	W07:	\$85 \$110
W08	PIRA Lecture Demonstrations I .....	8:00 a.m.–5:00 p.m.	W08:	\$115 \$140
W09	Activity-based Physics in the High School Classroom .....	8:00 a.m.–5:00 p.m.	W09:	\$95 \$120
W10	Teaching Programming and Problem Solving Using LEGO EV3 Robotics .....	8:00 a.m.–5:00 p.m.	W10:	\$85 \$110
W11	Teaching Graphical Solutions for Forces and Kinematics .....	8:00 a.m.–5:00 p.m.	W11:	\$80 \$105
W12	Open Source Electronics for Laboratory Physics .....	1:00 p.m.–5:00 p.m.	W12:	\$140 \$165
W13	Research-based Reforms to Introductory Physics for the Life Sciences .....	1:00 p.m.–5:00 p.m.	W13:	\$65 \$90
W14	Physics Research Mentor Training .....	1:00 p.m.–5:00 p.m.	W14:	\$75 \$100
W15	Preparing Faculty to Mentor Physics Students for Careers: Using the Careers Toolbox .....	1:00 p.m.–5:00 p.m.	W15:	\$110 \$135
W16	Integrating Direct-Measurement Videos into Physics Instruction.....	1:00 p.m.–5:00 p.m.	W16:	\$65 \$90
W17	Labs that May Appear at Many Levels .....	1:00 p.m.–5:00 p.m.	W17:	\$70 \$95
W18	Creating Interactive Web Simulations Using HTML5 and Javascript .....	1:00 p.m.–5:00 p.m.	W18:	\$70 \$95

## Workshops – Sunday, July 26

W19	Demo Kit in a Box.....	8:00 a.m.–12:00 p.m.	W19:	\$75 \$100
W20	Making Interactive Video Vignettes and Interactive Web Lectures .....	8:00 a.m.–12:00 p.m.	W20:	\$65 \$90
W21	Just-in-Time Teaching.....	8:00 a.m.–12:00 p.m.	W21:	\$20 \$45
W22	Explorations in Arduino Physics: Ideas and Experiments.....	8:00 a.m.–12:00 p.m.	W22:	\$120 \$145
W23	Authentic Experimentation in Labs Using Structured Quantitative Inquiry .....	8:00 a.m.–12:00 p.m.	W23:	\$70 \$95
W24	Creating Invention Tasks that Develop Flexible Mathematical Reasoning Skills in Physics .....	8:00 a.m.–12:00 p.m.	W24:	\$60 \$85
W25	Beyond the Atom.....	8:00 a.m.–12:00 p.m.	W25:	\$75 \$100
W26	Research-based Tools for Teaching Quantum Mechanics.....	8:00 a.m.–12:00 p.m.	W26:	\$60 \$85
W27	Computational Physics .....	8:00 a.m.–12:00 p.m.	W27:	\$70 \$95
W28	Interactive Engagement in Upper-division: Methods and Materials from CU-Boulder.....	8:00 a.m.–12:00 p.m.	W28:	\$72 \$97
W29	Activities for Learning About Climate and Climate Change .....	8:00 a.m.–12:00 p.m.	W29:	\$60 \$85
W30	NEXUS Physics Labs for Biology Students .....	8:00 a.m.–5:00 p.m.	W30:	\$87 \$112
W31	Creating JavaScript Simulations and Electronic Books for Computers and Tablets .....	8:00 a.m.–5:00 p.m.	W31:	\$80 \$105
W32	Preparing to Teach Physics to the Next Generation.....	8:00 a.m.–5:00 p.m.	W32:	\$80 \$105
W33	PIRA Lecture Demonstrations II.....	8:00 a.m.–5:00 p.m.	W33:	\$115 \$140
W34	Modeling Instruction for University Physics .....	1:00 p.m.–5:00 p.m.	W34:	\$60 \$85
W35	Metacognition and Reasoning in Physics.....	1:00 p.m.–5:00 p.m.	W35:	\$60 \$85
W36	Physics Union Mathematics .....	1:00 p.m.–5:00 p.m.	W36:	\$65 \$90
W37	Fun, Engaging and Effective Labs and Demos with Clickers, Video Analysis .....	1:00 p.m.–5:00 p.m.	W37:	\$75 \$100
W38	Physics of Toys I: Force, Motion, Light, and Sound .....	1:00 p.m.–5:00 p.m.	W38:	\$70 \$95
W39	Facilitating Student Self-reflection & Personalized Instructor Feedback .....	1:00 p.m.–5:00 p.m.	W39:	\$65 \$90
W40	Strategies to Help Women Succeed in Physics Related Professions .....	1:00 p.m.–5:00 p.m.	W40:	\$60 \$85
W41	Periscope: Looking into Learning in Best-practices University Physics Classrooms .....	1:00 p.m.–5:00 p.m.	W41:	\$60 \$85
W42	Intermediate and Advanced Laboratories .....	1:00 p.m.–5:00 p.m.	W42:	\$85 \$110
W43	Next Generation Physics and Everyday Thinking.....	1:00 p.m.–5:00 p.m.	W43:	\$64 \$90