



American Association of Physics Teachers

# High School Physics Teacher's Day – Workshop Only

Jan. 4 & 5, 2014 • Orlando, FL • Rosen Plaza Hotel

\_\_\_ Member No.    \_\_\_ NonMember

## 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: \_\_\_\_\_

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

Workshop Only Fee:    \$75 \_\_\_\_\_

Total Fee:    \$ \_\_\_\_\_

- Check made out to AAPT                      \_\_\_ Visa    \_\_\_ MasterCard    \_\_\_ Discover    \_\_\_ Am. Express
- Money Order                                      Account Number: \_\_\_\_\_ Exp. Date: \_\_\_\_\_
- Credit Card                                        Name on Card \_\_\_\_\_
- Purchase Order No. \_\_\_\_\_                Signature: \_\_\_\_\_

## Workshops – Saturday, Jan. 4

W01	Research-based Alternatives to Traditional Physics Problems .....	8:00 a.m.–5:00 p.m.	W01:	\$80	\$105
W02	Holistic Physics Instruction.....	8:00 a.m.–5:00 p.m.	W02:	\$115	\$140
W03	Physics and Astronomy by Design.....	8:00 a.m.–5:00 p.m.	W03:	\$105	\$130
W04	Reformed Teaching Observation Protocol (RTOP) .....	8:00 a.m.–5:00 p.m.	W04:	\$80	\$105
W05	PTRA Workshop: Magnets and Magnetism.....	8:00 a.m.–5:00 p.m.	W05:	\$90	\$115
W06	Teaching Science with LEGO Mindstorms: FIRST Steps and Beyond .....	8:00 a.m.–5:00 p.m.	W06:	\$90	\$115
W07	Inquiry-based Learning Strategies that Support the New AP Physics 1&2 Courses .....	8:00 a.m.–5:00 p.m.	W07:	\$100	\$125
W08	Ring Flinger Make-n-Take .....	8:00 a.m.–12:00 p.m.	W08:	\$185	\$210
W09	TIPERs in the High School Classroom.....	8:00 a.m.–12:00 p.m.	W09:	\$65	\$90
W10	Laser and Light, More from LaserFest .....	8:00 a.m.–12:00 p.m.	W10:	\$100	\$125
W11	A Potpourri of Simulation .....	8:00 a.m.–12:00 p.m.	W11:	\$60	\$85
W12	Using ComPadre.....	1:00 p.m.–5:00 p.m.	W12:	\$60	\$85
W13	Sketch N' Etch.....	1:00 p.m.–5:00 p.m.	W13:	\$80	\$105
W14	Ben Franklin is my Lab Partner .....	1:00 p.m.–5:00 p.m.	W14:	\$72	\$97
W15	Implementation: Physics for Life and Health Sciences .....	1:00 p.m.–5:00 p.m.	W15:	\$65	\$90
W16	Distance and Remote Labs.....	1:00 p.m.–5:00 p.m.	W16:	\$60	\$85
W17	GPS and Relativity .....	1:00 p.m.–5:00 p.m.	W17:	\$110	\$135

## Workshops – Sunday, Jan. 5

W18	Activity-based Physics in the Physics High School Classroom .....	8:00 a.m.–12:00 p.m.	W18:	\$68	\$93
W19	A Kaleidoscope of Great Online Tools for Teaching Physics.....	8:00 a.m.–12:00 p.m.	W19:	\$62	\$87
W20	Using Small Remote Radio Telescopes .....	8:00 a.m.–12:00 p.m.	W20:	\$60	\$85
W21	In Home Low-cost Labs .....	8:00 a.m.–12:00 p.m.	W21:	\$75	\$100
W22	Using Invention to Promote Mathematical Thinking .....	8:00 a.m.–12:00 p.m.	W22:	\$62	\$87
W23	Activities for Engaging Girls in Physical Science .....	8:00 a.m.–12:00 p.m.	W23:	\$60	\$85
W24	iPhone and iPad App Development .....	8:00 a.m.–12:00 p.m.	W24:	\$70	\$95
W25	Laboratories for Measuring Fundamental Constants .....	8:00 a.m.–12:00 p.m.	W25:	\$60	\$85
W26	New RTP and ILD Tools and Curricula: Video Analysis, Clickers and E&M Labs .....	8:00 a.m.–12:00 p.m.	W26:	\$75	\$100
W27	Engaging Astronomy Students with Lecture Tutorials .....	8:00 a.m.–12:00 p.m.	W27:	\$60	\$85
T01	Electrostatics from Gilbert to Volta.....	2:00 p.m.–4:00 p.m.	T01:	\$50	\$75
T02	APEX Professional Development and Recruitment .....	2:00 p.m.–4:00 p.m.	T02:	\$50	\$75
T03	Getting Started in Outreach .....	2:00 p.m.–4:00 p.m.	T03:	\$50	\$75
T04	Selling Physics as a Major .....	2:00 p.m.–4:00 p.m.	T04:	\$125	\$150