



## Registration Form for Part-Time Two-Year College Instructors and Adjunct Faculty – 1st Time Meeting Attendees

Full meeting registration (not including workshops)

Registration fees						
Full Conference Registration: \$85						
☐ Member Member No.: ☐ Non-r	member					
First Name	Last Name					
School Name						
Address						
City	StateZip	)				
Email						
Phone:						
Fax						
Emergency ContactPhor						
Confirmation of part-time status	10					
To qualify for this special rate your department chair or supervisor mu I confirm that the individual named on this application is teaching p	•	t your mattution.				
	re and date:					
(Please print)	(Signature)	(Date)				
Total Fees	Sne	cial Events				
1010111000	Opt.	olai Evolito				
☐ Check made out to AAPT	<ul><li>1. Undergraduate Meet-up</li></ul>	# Persons	(free)			
Money Order	Saturday, July 28, 5:30–7 p.m.  2. First Timers Gathering	# Persons	(fraa)			
☐ Credit Card ☐ Purchase Order No	Monday, July 30, 7–8:30 a.m.	# Fersons	(free)			
	<ul><li>3. Spouse/Guest Gathering</li></ul>	# Persons	(free)			
Please print clearly.	Monday, July 30, 9–10 a.m.  ☐ 4. Early Career Professionals Speed Networ	king Event # Persons	(free)			
Visa MasterCard Discover Am. Express	Monday, July 30, 12–1:30 p.m.		_ ` ´			
Account Number	☐ 5. K-12 Teachers Luncheon	# Persons @\$55	\$			
	Monday, July 30, 12–1:30 p.m. ☐ 6. Meet-up for Members and Supporters of I	GBTO Community				
Expiration Date	Monday, July 30, 12–1:30 p.m.	# Persons	(free)			
Security Code	7. Game Room Night	# Persons	(free)			
Name on Card	Monday, July 30, 9–12 p.m.  ■ 8. AAPT Fun Run/Walk	# Persons@\$30	\$			
Signature:	Tuesday, July 31, 6–8 a.m.					
	<ul><li>9. Monday AM Raffles</li><li>10. Monday PM Raffles</li></ul>	# @ \$2 ea. # @ \$2 ea.	\$ \$			
	☐ 11. Tuesday AM Raffle	# @ \$2 ea. # @\$2 ea.	\$			
Photo Release: AAPT and its legal representatives and assigns, retain	☐ 12. Tuesday PM Raffle	# @\$2 ea.	\$			
the right and permission to publish, without charge, photographs	☐ 13. PER Conference & Reception  Wednesday, Thursday, Aug. 1, 2	# Persons @\$155 Students: \$100	\$			
taken during this event. These photographs may be used in publica-	Wednesday, Thursday, Aug. 1–2  14. PER Poster Session & Reception Only	# Persons @\$30	\$			
tions, including electronic publications, or in audio-visual presenta- tions, promotional literature, advertising, or in other similar ways.	Wednesday, Aug. 1, 8–10 p.m.	·				
Attendee emails will be shared with conference exhibitors.	Registration Fee (\$85)		\$			
	Guest: \$40 Children: \$30 ea.		\$ \$			
There will be a \$30 processing fee for all canceled registrations.	Workshop fees:		\$			
	TOTAL:		\$			

Mail form to: AAPT Programs and Conferences, One Physics Ellipse, College Park, MD 20740; Fax: 301-209-0845



## Two-Year College Part-time Adjunct – Workshop Registration Form

\_\_Member No. \_\_\_Non-Member

Regi	stration fees						
Н	ow to Register: Mail form to AAPT Programs & Conferences, One Phys	sics Ellipse, Co	llege Park, M	D 2074	0		
	Fax form to 301-209-0845, or email to programs@aapt.	org Questic	ons: Call 301-	-209-33	40		
NI.							
Name: (please print clearly): Check mad					AAPT		
School Name:				r			
Address:			Credit Card				
City:StateZip			□ Purchase Order No				
Eı	mail:		T Gronado O	1401 140.			
Pl	hone:Fax:						
	WORKSHOP # and Fee:	Visa	MasterCard _	Disc	over	Am. Express	
		A t Ni Ir			F	D-4-	
			er:		-		
	Total Fee: \$	Name on Card					
	Signature:						
	All workshops will be held at George Washington University.						
	Tutorials at Marriott Renaissance						
Wor	kshops, Saturday, July 28	Tim	e		Fee	S	
	nonopo, outurus, our y 20					Non-Mem.	
W01	Developing and Implementing NGSS Three-Dimensional High School Physics Lessons	8:00 a.m.–	12:00 p.m.	W01:	\$60	\$85	
W02	Night Sky Network			W02:	\$110	\$135	
W03	Preparing for Policy and Advocacy			W03:	\$60	\$85	
W04	PIRA Lecture Demonstrations I & II Condensed: Selections from the PIRA 200			W04:	\$95	\$120	
W05 W10	Research-based Approaches to Infusing Argumentation in Undergraduate Physics	8:00 a.m.–	12:00 p.m.	W05:	\$65	\$90	
WTU	Assessments for Physics Classes	8:00 a m =	5:00 n m	W10:	\$85	\$110	
W11	Using Arduino for High Altitude Ballooning			W10:	\$110	\$135	
W12	Physics Activities for the Life Sciences (PALS)			W12:	\$85	\$110	
W13	Learn Physics While Practicing Science: Introduction to ISLE			W13:	\$88	\$113	
W14	Creating Mobile Physics Apps with EJS			W14:	\$85	\$110	
W17	Integrated STEM Education: Infusing Engineering Design Practices in STEM Learning			W17:	\$80	\$105	
W18 W19	Introductory Labs for Thermal Physics			W18: W19:	\$72 \$60	\$97 \$85	
W20	Modern Physics Labs on a Budget Using LEDs and Mixed Signal Processors			W20:	\$80	\$105	
W21	LIGO and Interferometers			W21:	\$80	\$85	
W22	Arduinos and Underwater ROVs	1:00 p.m	5:00 p.m.	W22:	\$180	\$205	
Wor	kshops, Sunday, July 29	Tim	ne		Fee	S	
				TPO 1			
T01	PTRA: Cartoon Physics			T01:	\$60	\$85 \$85	
T02 W24	PTRA: Robotics			T02: W24:	\$60 \$85	\$110	
W25	Coding Integration in High School STEM Courses		1	W25:	\$30	\$55	
W26	Designing and Assessing Informal Physics Programs			W26:	\$60	\$85	
W27	Integrating Modern Physics into the High School Physics Curriculum			W27:	\$60	\$85	
W28	PIRA: Procuring Apparatus for Outreach Shows			W28:	\$90	\$115	
W29	3D Solid Modeling Workshop			W29:	\$61	\$86	
W30	Using Social Psychological Interventions to Improve Learning of all Students			W30:	\$60	\$85	
W31 W32	Physics Resources for K-8 from NASA  Fun and Engaging Labs			W31: W32:	\$65 \$60	\$90 \$85	
W33	PICUP: Integrating Computation into Undergraduate Physics			W32:	\$80	\$105	
W34	Fun, Engaging, and Effective Labs and Demos in Electricity, Magnetism and Optics		F		400	7	
	with Clickers, Video Analysis, and Computer-Based Tools	8:00 a.m.–	12:00 p.m.	W34:	\$75	\$100	
W35	STEP UP for Women			W35:	\$60	\$85	
W36	Preparing Your Materials for Inclusion in the Living Physics Portal			W36:	\$60	\$85	
W38 W39	Fostering Inclusivity in Physics: Resources, Strategies, and Interventions			W38: W39:	\$60 \$60	\$85 \$85	
W40	Tying Activity Based Physics Bits & Pieces to NGSS			W40:	\$80	\$105	
W41	Intermediate and Advanced Labs			W41:	\$85	\$110	
W42	Getting Students to Think Critically in Intro Labs	1:00 p.m	5:00 p.m.	W42:	\$62	\$87	
W43	Effective Practices for Final Projects in Undergraduate Physics Lab Courses	1:00 p.m	5:00 p.m.	W43:	\$60	\$85	
W44	Examining the Relationships among Intuition, Reasoning, and	1.00	5.00	33744	0.00	¢0 <i>5</i>	
W45	Conceptual Understanding in Physics  An Introduction to Race, Ethnicity, and Equity in Physics Education			W44: W45:	\$60 \$65	\$85 \$90	
W45 W46	Ready to Go Public with Your Writing? Developing Writing Ideas for Publication			W45: W46:	\$05 \$75	\$90 \$100	
W47	Physics and Toys II: Energy, Momentum, Electricity, and Magnetism			W47:	\$65	\$90	
W48	Improving the Pedagogical Content Knowledge of Teaching Assistants and Instructors			W48:	\$60	\$85	
W49	Demo Kit in a Box: Optics			W49:	\$85	\$110	
W50	Using CPEP Resources in the Classroom	1:00 p.m	5:00 p.m.	W50:	\$60 EDEE	\$85	