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# 1999 Fall Meeting Program

AMERICAN ASSOCIATION OF PHYSICS TEACHERS  
Southern California Section

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8:00-8:30			
	<b>D-Building, Room 9</b>	<b>Overton Hall</b>	
8:30-10:00	Workshop 2 Videopoint and QuickCam Workshop	Workshop 1 New Teachers' Workshop	
	<b>Richter Hall</b>	<b>Overton Hall</b>	
10:00-10:10	<b>Welcoming Address</b>		
10:10-10:25	<i>Car Weight, Efficiency, and Carbon Dioxide,</i> Harvey Leff, Cal Poly Pomona		Registration, Vendors and Exhibits  Coffee and

10:25-10:40	<i>Capstans: An Exponential Force Multiplier</i> , David Wirkkala, Suranai Pongsponsri, and Paul Stanley, California Lutheran University	SPS Idea Exchange of chapter activities.	Pastries in Science Center Atrium
10:40-10:45	<i>The Society of Physics Students</i> , Roger Morehouse, Cal Poly Pomona		
10:45-11:00	<b>Break</b>		
11:00-11:55	<i>Chandra: The Man and the Mission</i> , Roger Blandford, Caltech		
11:55-1:15	<b>Lunch</b>		
1:15-1:45	<b>Show and Tell</b>		Registration, Vendors and Exhibits
1:45-2:40	<i>Global Positioning Systems (GPS): Principles and Applications</i> , Allen D. Holliday, Raytheon		
2:40-2:55	<i>Chinese compass problem: Do they point North or South?</i> Glenn Malin, University of HS Irvine.	<i>Z-Pinch Research at the Nevada Terawatt Facility</i> , D. L. McCrorey, B. S. Bauer, G. S. Sarkisov, University of Nevada, Reno	
2:55-3:10	<i>How accurately can the height of a building be measured using a pendulum?</i> Dean Panagakis, South	<i>Electron Transfer in Ion-Atom Collisions*</i> , E. D. Emmons, A. A. Hasan, and R. Ali, University of Nevada	

10	Papadakis, South Pasadena HS.	University of Nevada, Reno	Exhibits
3:10-3:25	<i>Vandenberg Rockets: Thrusting Physics into Higher Visibility</i> , Miyeko Mana and Paul Stanley, California Lutheran University	<i>Experiences with Surplus Heat Measurements</i> , Mark McGovern, Cal Poly Pomona	
3:25-3:40	<i>Mean Free Path of Gas Molecules</i> , Rafael Enfiadjian, Santa Monica College	<i>Resonant Ultrasound Spectroscopy on Rocks*</i> , I. B. Santos, TJ Ulrich, and K. R. McCall, University of Nevada, Reno	
3:40-4:00	<b>Business Meeting</b> (drawing, elections, order of magnitude contest)		

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