

AMERICAN ASSOCIATION OF PHYSICS TEACHERS

Fall 2001 meeting of the Southern California Section

Saturday, October 20*, 8:00 AM–4:15 PM

Jet Propulsion Laboratory, Von Karman Auditorium—4800 Oak Grove Drive, Pasadena
Local Contact: Sharon Okonek, <sharon.okonek@jpl.nasa.gov>, 818-354-9483



***Important Note:** In the wake of the terrorist attacks JPL has instituted additional security and the meeting itself may even be postponed or canceled. In any event, all meeting attendees should contact Sharon Okonek before the meeting with their name and citizenship information. If you are a citizen of another country, you will need to declare that information and supply your passport number. You will also need to bring identification with you to the meeting: US resident—bring your drivers license or state-issued photo ID; US resident but citizen of another country—bring your green card; Foreign national—bring your passport. Finally, be sure to check before coming to the meeting to make sure that it has not been postponed or canceled.

8:00 AM Registration and Refreshments	11:00 AM “Ocean Altimetry Data: What's In It For You?” Margaret Srinivasan , Altimetry Applications Lead Annie Richardson , Earth Science Outreach Coordinator
8:30 AM Welcome and Overview of Morning Events	“SOAP software: Visualizing Seasons and Eclipses in the Classroom” Simulating/visualizing earth's seasons, moon phases, solar eclipses and satellite orbits using state-of-the-art software available free to educators. Wade Mayo , Telecommunication Analyst
8:35 AM Workshops “Extreme Engineering in the Classroom: Using Robotics to Engage Kids in Math and Technology” Leader: Alice Wesson , Outreach Theme Lead, JPL Technology and Solar “Teaching Problem Solving with Robots: A High School Case Study” Leaders: Greg Neat , Technology Developer for the JPL Space Interferometry Mission and Math Teacher at Crescenta Valley High School, and Ken Berry , JPL Education Specialist and Professor of Education Technology at Cal State Northridge	11:50 AM SCAAPT Business 12:00 AM Lunch 1:30 PM Overview of Afternoon Events Sharon Okonek , Atmospheric Infrared Sounder Outreach Coordinator
10:00 AM Welcome and Opening Remarks Dr. Tom Prince , JPL Chief Scientist “Overview of JPL Earth Missions” Sharon Okonek , Atmospheric Infrared Sounder Outreach Coordinator Annie Richardson , Earth Science Outreach Coordinator Margaret Srinivasan , Altimetry Applications Lead	1:35 PM “The Tale of the Tuning Fork” “The Physics of Remote Sensing” Dr. Jakob Van Zyl , Earth Science Flight Experiments Program Manager 2:30 PM Break and view Von Karman Museum 2:45 PM JPL Tour of SAF and SFOF 3:45 PM Order of Magnitude Contest & Door Prizes 4:00 PM Closing Remarks/Meeting Adjourns

What's the Order of Magnitude Question?

“How many times has the world's water been consumed (biologically speaking) by humans?” The SCAAPT member with the median answer will get first pick of the door prizes to be given away at the end of the meeting.

Lunch

Our local host will have a list of suggestions for off-site dining. At this writing it does not appear that it will be possible to dine on site.

Show'n Tell? Save 'em for next time ...

Again, under the circumstances, it has been necessary to cancel the traditional Show'n Tell portion of the program. Please accept our apologies, but do save your ideas for the next meeting!

Election of Officers

New officers will be elected at the Fall meeting. If you are interested in serving the organization, please get in touch with Mary Mogge at 909-869-4023 or memogge@csupomona.edu.

Future meetings (Mark your calendars)

AAPT Winter 2002, Philadelphia, PA, January 19-23, 2002

SCAAPT Spring 2001, (Joint meeting with the Northern California/Nevada section AAPT), Cal Poly SLO, ~late April, 2002

AAPT Summer 2002, Boise State University, ID, August 3-7, 2002

AAPT Winter 2003, Austin, TX, January 11-15, 2003

AAPT Summer 2003, Madison, WI, August 2-6, 2003

AAPT Winter 2004, Miami Beach, FL, January 24-28, 2004

A. John Mallinckrodt
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Fall 2001 Meeting of the Southern California Section
Saturday, October 20*—Jet Propulsion Laboratory

<http://www.callutheran.edu/scaapt>

*See Important Note on reverse side

How do I get to the meeting?

From the 210 Freeway take the Berkshire Ave./Oak Grove Dr. exit. Proceed east on Berkshire Ave. to Oak Grove Dr. Proceed north (left) to the Laboratory.

The meeting will be in Von Karman Hall which near the facility entrance.

See http://www.jpl.nasa.gov/about_JPL/maps.html for maps.

Where do I pay?

Section dues are just \$10/year and are our primary source of support; we receive nothing from the national organization. Members get final programs before the meeting and are eligible for great door prizes. See the SCAAPT website for how to sign up by mail or do it at the meeting. We need your support! Bring a new teacher. Bring an old one!

Subscribe to the SCAAPT email list

Send a message to
listproc@listproc.csupomona.edu
with the single line:
subscribe scaapt yourname
(replacing "yourname" with your name!)

Visit the SCAAPT website

For meeting information, a list of section officers and contacts, link to the national AAPT, etc.

<http://www.callutheran.edu/scaapt>

Submit a change of address online

You may submit changes of address using the online form available via a link from the section website or directly using

http://www.csupomona.edu/~ajm/myweb/scaapt/ch_add.html

Submit a contribution to the next meeting Online

You may submit contributions using the online form available via a link from the section website or directly using

http://www.csupomona.edu/~ajm/myweb/scaapt/ab_sub.html

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