

The Dialog

November 2004

SOS/AAPT Officers

- President: Bill Kuhlman, St. Xavier H.S.
- President-elect: Elizabeth George, Wittenberg Univeristy
- V.P. for Colleges & Universities: Mark Fischer, College of Mt. St. Joseph
- V.P. for 2 year Colleges: Darwin Church, UC Clermont
- V.P. for Secondary Schools: Julie Haverkos, Sycamore H.S.
- Secretary: Fred Reuter, St. Xavier H.S.
- Treasurer: Pat Shields, Capital University
- Section Rep to AAPT: Steve Yerian, Xavier University
- Asso. Sec'y/Treas: Jim Sullivan, University of Cincinnati
- Dialog Editor: Cindy Parrott, Sycamore H.S.
- Past President:: Mark Fischer, College of Mt. St. Joseph

Inside this issue:

<i>Fall Business Meeting</i>	1
<i>Fall Meeting at Ohio State University</i>	2
<i>Future Meetings</i>	3
<i>Dialog info</i> <i>AAPT Info</i>	4

Fall Meeting at Ohio State

Minutes Of The Business Meeting

Southern Ohio Section of the American Association of Physics Teachers

Saturday November 6, 2004

The Business Meeting of the Southern Ohio Section of the American Association Of Physics Teachers (SOS/AAPT) was called to order at approximately 2:34 PM on Saturday November 6, 2004 by President William Kuhlman. The meeting took place in room 1005 of the Smith Labs at The Ohio State University in Columbus, Ohio.

President Kuhlman first thanked everyone for coming to this meeting and especially thanked Gordon Aubrecht for hosting such an excellent meeting

Gordon Aubrecht announced that State Science Day would occur late in the spring of 2005 and judges would again be needed for the special Physics awards that the SOS/AAPT judges. Exact date will be announced in the spring meeting and in future editions of *The Dialog*.

Darwin Church announced that the University of Cincinnati will host the (Ohio Academy of Science) Southwest District Science & Engineering Expo on April 2, 2005. Literature was distributed. Judges will be needed and students are encouraged to participate. Faculty willing to be judges should contact james.sullivan@uc.edu.

Future meeting locations were then announced:

Spring, 2005 will be a Joint Meeting with the Ohio Section of the American Physical Society (OS/APS) on April 8-9, 2005 at the University of Dayton (UD) in Dayton, OH. This will be co-hosted by the Air Force Institute of Technology (AFIT) and UD. Contact persons are Paul Wulf (AFIT) and Perry Yaney (UD).

Autumn, 2005 will be hosted by Mount Saint Joseph College in western Hamilton County (west of Cincinnati, OH). Exact date will be announced. Contact person is Mark Fischer.

Gordon Aubrecht gave a report on problems he is encountering regarding use of proper metric units in his work with Standards Coordinating Committee 14 of the IEEE.

A thank you was again given to Gordon Aubrecht for hosting this meeting.

The meeting adjourned at approximately 2:50 PM.

Respectfully Submitted,
James F. Sullivan,
Associate Secretary

Executive Committee Meeting

Southern Ohio Section of the American Association of Physics Teachers

Saturday November 6, 2004

The Executive Committee of the Southern Ohio Section of the American Association Of Physics Teachers (SOS/AAPT) was called to order at approximately 12:30 PM on Saturday November 6, 2004 by President William Kuhlman. The meeting took place in the Smith Labs at The Ohio State University in Columbus, Ohio. Present were G. Aubrecht, D. Church, M. Fischer, E. George, W. Kuhlman, R. Peterson, W. Plough, J. Sullivan, Ba Taylor and Be Taylor.

Darwin Church reported that the University of Cincinnati will host the (Ohio Academy of Science) Southwest District Science & Engineering Expo on April 2, 2005.

Future meeting locations were first discussed:

Spring, 2005 will be a Joint Meeting with the Ohio Section of the American Physical Society (OS/APS) on April 8-9, 2005 at the University of Dayton (UD) in Dayton, OH. This will be co-hosted by the Air Force Institute of Technology (AFIT) and UD. Contact persons are Paul Wulf (AFIT) and Perry Yaney (UD).

Autumn, 2005 will be hosted by Mount Saint Joseph College in western Hamilton County (west of Cincinnati, OH). Contact person is Mark Fischer.

Gordon Aubrecht gave a report on some problems he is encountering regarding use of proper metric units in his work with Standards Coordinating Committee 14 of the IEEE.

The meeting adjourned at 12:58 PM.

Respectfully Submitted

James F. Sullivan,

Associate Secretary

Fall 2004 -- Ohio State University, Columbus, Ohio.

Co-Chairs, Gordon Aubrecht (aubrecht.1@osu.edu) and Linn Van Woerkom (lvw@mps.ohio-state.edu)
6 November 2004.

Schedule

8:30 Registration and continental breakfast Room 1094, Smith

9:00 - 10:00 Contributed Paper Session Room 1005, Smith

Invited Paper Session Room 1005, Smith

10:00 Samir Mathur (OSU) Room 1005, Smith

“What String Theory Ideas can be Transmitted to High School and College Undergraduates? (and why they are important)”

11:00 Dick Peterson (chair-elect, AAPT, Bethel College) Room 1005, Smith

“The Ping Pong Gun and Undergraduate Research”

12:00 - 12:50 Lunch (provided); Executive Committee meeting Undergraduate Lounge, Smith

13:00 (1:00) Demonstration Show (Linn Van Woerkem) Room 1153, Smith

14:00 (2:00) How I Do It Room 1005, Smith

14:30 SOS Business Meeting (time approximate, after How I Do It ends) Room 1005, Smith

approx. 15:00 (3:00) Adjourn; join Physics Department Open House

Future Meetings of the **SOUTHERN OHIO SECTION** of the **AMERICAN ASSOCIATION of PHYSICS TEACHERS**

Spring 2005 -- Joint meeting with OS/APS at University of Dayton and AFIT,

Local hosts: Perry Yaney (UD) and Paul Wolf (AFIT)

SOS/AAPT host: Elizabeth George (Wittenberg)
8 and 9 April 2005

Fall 2005 -- College of Mt. St. Joseph, 5701 Delhi Rd., Cincinnati, Ohio

Local host:: Mark Fischer, mark_fischer@mail.msj.edu

date to be announced

National AAPT News and Notes

VOLUNTEER AT AAPT WINTER MEETINGS

Volunteer opportunities are available at our upcoming AAPT Winter Meeting in Albuquerque, NM January 8-12, 2005 for teachers and students. For more information go to <http://www.aapt.org/Events/130th/index.cfm>

AAPT JOB FAIR

AAPT will host a job fair for the physics education community, January 10-11 at the 2005 Winter Meeting in Albuquerque. Post your resume at no charge. Employers can post available positions electronically, for a fee. Opportunities are available for employees to interview on site. Look for information on our website about the career seminars scheduled during the Job Fair. For more information on the AAPT Job Fair go to <http://www.aapt.org/CareerCenter/JobFair/index.cfm>

**SOUTHERN OHIO SECTION OF THE AMERICAN
ASSOCIATION OF PHYSICS TEACHERS**

The Dialog
c/o Cindy Parrott
Sycamore High School
7400 Cornell Road
Cincinnati, OH 45242
Phone: 513-489-0405 ext. 445
Fax: 513-489-7425
Email: parrottc@sycamoreschools.org

Please email your address as the Dialog is moving to an all electric format. The Dialog will be sent via email and can also be found at:

www.physics.ohio-state.edu/~aubrecht/sosaapt.html

When did you last pay your membership dues?

If you can't answer this question and are not a lifetime member, it is time to pay your \$10.00 dues to the SOS/AAPT.

Checks for membership can be made out to the SOS/AAPT and sent to the address at the left. Please ask teaching colleagues and valued friends to consider becoming a part of our organization. New members are always welcome and needed.

The executive board of SOS/AAPT are looking for volunteers to serve as at large members of the board. If interested please contact any of the officers list on page one.

FUTURE HIGH SCHOOL PHYSICS TEACHER SCHOLARSHIP DEADLINE

AAPT offers a \$2,000 scholarship for future high school physics teachers, supported by an endowment funded by Barbara Lotze. Deadline is December 1.

Undergraduate students in, or planning to enter physics teacher preparation programs and high school seniors planning to enter such curricula are eligible. For more information on the scholarship, please go to

<http://www.aapt.org/Grants/lotze.cfm>

RESEARCH IN FREEFALL

Teachers, conduct experiments aboard NASA's parabolic aircraft. Submit a reduced-gravity physics experiment designed and built by your high school students. Deadline for submission is December 3, 2004. Winners will be announced at the AAPT's Winter Meeting. More information can be found at <http://www.physics2005.org/events/reducedgravity>

UC is hosting a District Science Day on April 2, 2005.

Southwest District Science & Engineering Expo. It is one of the Ohio Academy of Science events across the state. The top 70 projects go to the State Science Day. Jim Sullivan is co-chairing a group to recruit judges.

The web site to get info is

www.uc.edu/sciencefair. Contact Darwin Church for info.