The Illinois
Physics
Teacher

Spring 2015 Meeting
Illinois Section of the AAPT
April 10-11, 2015
Principia College
Elsah, IL

The spring meeting chair, Johathan Langton, has organized the meeting around an Astronomy theme.

For the Friday evening banquet speaker we have: "Quantum Astronomy" – Laurance Doyle, an astrophysicist with the SETI Institute.

Other invited speakers will speak on these topics:

"Getting ready for 2017" – Carl Wenning, Physics Department, Illinois State University – Friday afternoon

"Inflation: Unresolved questions in the new paradigm of cosmology" – Grant Larsen, Physics Department, Principia College – Friday afternoon

"Engineers teaching physics: The SIUE experience" – Chris Gordon, Department of Construction, Southern Illinois University Edwardsville – Saturday morning

Saturday Workshops (each is from 1:00-3:00 pm.)

W1. IOLab - a multi-sensor device – Eric Martell, Physics Department, Millikin University, and Morten Lundsgaard, Physics Department, University of Illinois, Urbana-Champaign.

Workshop W1 is free and participants may take the $100 IOLab device home. Support for this workshop is provided by the ISAAAPT, UIUC and McMillan Publishers. Enrollment is limited to 15.

W2. GeoGebra and Physics – Lenore Horner, Seven Hills School, Cincinnati, Ohio (free)

W3. Using Informal Astronomy Resources – Nicole Gugliucci, Southern Illinois University Edwardsville STEM Center (free)

Telescope Viewing – If the sky is clear on Friday evening, the Principia Astronomical Observatory will be open to view the night sky with the 16-inch Ritchey-Chretien telescope.

Meeting attendees are invited to present 15 minute Contributed Presentations, which will be scheduled on Friday afternoon and Saturday morning. There are six categories of presentations: (a) Active Learning, (b) Teaching Methods, (c) Demonstrations, (d) Research, (e) Student Research Symposium and (f) Other. Please check the appropriate box on the online submission form. The title should be submitted by Friday, March 27, and the deadline for all of the information, including a one paragraph description, is Friday, April 3. Use the online form on two occasions, if necessary, to first submit the title, then later to submit the description (or abstract).

Students are invited to present a talk at the Student Research Symposium, and there will be awards for best student papers. See the ISAAAPT web site for details and rules.
Call for judges: We need physics instructors to serve as judges for the Student Research Symposium. Please indicate on your registration form if you are willing to assist.

Take Fives: Anyone who registers for the meeting may take 5 minutes or less to share a favorite item related to teaching physics - a demonstration, a new Web site or app, announcement of an upcoming event, etc. Please use the Registration form to tell us the title of your Take Five. There may be time for a few unannounced Take Fives at the end of the last session of the day.

Please join us, to learn more about physics, discover new tools and techniques for teaching, and share your experiences via your contributed presentations and Take Fives. The registration fee for both days is $30 for faculty. It is free for students and guests. After April 3, the registration fee for faculty will increase to $35. ISAAPT section dues are $20 for faculty and $10 for K-12 teachers. On-site registration will be available, but for banquet and lunch reservations, you must register online by Friday, April 3.

For more information, maps and directions, registration forms, payment information, hotel information, and the program, see our website: www.isaapt.org

Future ISAAPPT Meetings

- Fall 2015 – Oct. 16-17, Millikin University, Decatur, IL
- Spring 2016 – University of Illinois at Urbana-Champaign
- Fall 2016 – open

Future Chicago section meetings

- Spring 2015 – April 11, Glenbrook South High School
- Fall 2015 – open
- See: https://sites.google.com/site/chicagoaapt/

Future national AAPT meetings

- Summer 2015 – July 25-29 – University of Maryland, College Park, MD
- Winter 2016 – Jan. 9-12 – New Orleans, LA
- Summer 2016 – July 16-20 – Sacramento, CA
- Winter 2017 – Feb. 18-21 – Atlanta, GA
- http://www.aapt.org Conferences/meetings.cfm

APS Prairie section meeting

- Fall 2015 – to be announced
- See: http://www.abs.org/units/psaps/index.cfm

The Second Conference on Laboratory Instruction Beyond the First Year of College

- July 22-24, 2015, University of Maryland College Park, MD (just before the summer AAPT meeting in the same location)
- See: http://advlabs.aapt.org/conferences/2015/

AAPT NEWS eNNOUNCER

http://www.aapt.org/aboutaapt/ennouncer/index.cfm

ISAAPT membership listserv

To subscribe, see the instructions on this webpage: http://helios.augustana.edu/isaapt/listserv-isaapt.html

Connect with ISAAPT

ISAAPT in now on the social media websites! Please consider joining and/or following us on:

Facebook group: search “Illinois Section of the American Association of Physics Teachers”
Google+ page: search “ISAAPT”
Twitter feed: search “ISAAPT@IllinoisSecAAPT”

The contact for these social media sites is Rebecca Vieyra, rebecca.elizabeth.vieyra@gmail.com

ISAAPT Guidebook Program

http://helios.augustana.edu/isaapt/guidebook.html
David Schultz named Outstanding High School Physics Teacher for 2013-2014

David Schultz (left), of Maine East High School, Park Ridge, IL, receives the 2013-14 Outstanding High School Physics Teacher Award from ISAAPT president Don Reid. (photo by David Renneke)

The award for Outstanding High School Physics Teacher will be presented at our Fall meetings from now on. Don Reid has volunteered to chair the committee which receives the nominations and arranges for a vote by the leadership of the section. Fellow teachers and school administrators who are aware of exceptional performance and enthusiastic student response are encouraged to fill out the online nomination form found on the ISAAPT website. The deadline for receiving nominations is February 1. The person who is nominated will be notified and asked to fill out the online candidate information form by Feb 28. The teacher who is selected will be notified and presented with the award at the fall 2015 meeting of the Section. Previous nominations will be maintained for several years for consideration for future awards.

Distinguished Service Citation

Each year, the ISAAAPT Executive Council solicits nominations for the Distinguished Service Citation. One of our members has been selected for 2015 and will receive the award at the Friday evening banquet on April 10.