Fall 2012 Joint Meeting of the Illinois and Chicago Sections of the AAPT, October 26-27, 2012
Joliet Junior College, Joliet, IL

The fall meeting is organized around the theme “Minds-on Physics”. Invited presentations are:

"Physics Education Research: What and whom we study, and why it matters" – Steve Kanim, New Mexico State University – Friday afternoon

"Grading matters at least one order of magnitude more than you think it does" – Shawn Cornally, Science/Math Instructor, Solon High School, Solon, Iowa – Friday afternoon

"Data Collection from There to Where: A Brief Survey of Where Data Collection Has Been and Where It Is Going" – John Gastineau, Vernier – Friday afternoon

“How do we "Teach Problem Solving"?” – Dave Maloney, Indiana University-Purdue University Fort Wayne – Friday afternoon

“The Science of Speed: Why Driving Fast Isn't as Easy as You Think” – Diandra Leslie-Pelecky, West Virginia University – Friday banquet speaker

“The Revised MCAT: Implications for Introductory Physics for the Life Sciences” – Robert C. Hilborn, Associate Executive Officer, American Association of Physics Teachers – Saturday morning

“The American Association of Physics Teachers: Providing Information and Professional Development Opportunities to Physics Educators” – Beth A. Cunningham, Executive Officer, AAPT – Saturday morning

Workshops are planned for Fri. morning and Sat. afternoon; sign up for these on the registration form.

W1. Friday 9:30-11:30 – “Arduino Open-Source Electronics” – Andrew Morrison, Joliet Junior College


W3. Saturday 1:00-3:00 – “Using TIPERS to Help Students Make Sense of Physics” – Steve Kanim, New Mexico State University and David Maloney, Indiana University-Purdue University Fort Wayne

Meeting attendees are invited to present 15 minute Contributed Presentations, which will be scheduled on Friday afternoon and Saturday morning. There are five categories of presentations: (a) Active Learning, (b) Teaching Methods, (c) Demonstrations, (d) Research, and (e) Other. Please check the appropriate box on the submission form. The title should be submitted by Oct. 12, and the deadline for all of the information, including a one paragraph description, is Oct. 19. Use the online form on two occasions, if necessary, to first submit the title, then later to submit the description (or abstract).
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, 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.

ISAAPT has been recognized by the Illinois State Board of Education (ISBE) as an official provider of Continuing Professional Development Units (CPDU's). The Coordinator for this program, Carl Wenning, will be available to provide this service to teachers.

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. You are welcome to come at the last minute, because on-site registration will be available, but for banquet and lunch reservations, you must register online by Friday, Oct. 19.

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

Future ISAAPTP Meetings

- Spring 2013 – March 1-2 – Western Illinois University, Macomb
- Fall 2013 – Illinois State University, Normal
- Spring 2014 –

If you are considering being a host for a future meeting, please contact Dave Sykes at dave.sykes@llcc.edu

Future Chicago section meetings

- Spring 2013 – tbd
- See: http://www.neiu.edu/~csaapt/

AAPT NEWS eNNOUNCER

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

Future national AAPT meetings

- Winter 2013 – Jan. 5-9 – New Orleans, LA
- Summer 2013 – July 13-17 – Portland, OR
- Winter 2014 – dates tbd – Orlando, FL
- Summer 2014 – July 26 - 30 – Minneapolis, MN
- http://www.aapt.org/Conferences/meetings.cfm

APS Prairie section meetings

- Fall 2012 – Nov. 8-10 – University of Kansas, Lawrence, KS
- See: http://www.aps.org/units/psaps/index.cfm

The Physics Front!

The Physics Front provides high quality resources for the teaching of physics and physical sciences courses, and is a free service provided by the AAPT in partnership with the NSF/NSDL. Find it at http://www.thephysicsfront.org/

The Physics Teacher, the ISAAPT Newsletter

Illinois Section of the American Association of Physics Teachers

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Call for Nominations for Outstanding High School Physics Teacher Award

Each school year the Illinois Section of AAPT is pleased to receive nominations for outstanding high school physics teachers in the state. 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 person who is nominated will be notified and asked to fill out the online candidate information form. Please note that the deadline for receiving nominations is December 1, 2012. The teacher who is selected will be notified and presented with the award at the spring 2013 meeting of the Section.

Call for Nominations for the 2013 Distinguished Service Citation

We invite and encourage you to nominate a fellow colleague for the 2013 Distinguished Service Citation to be presented at the fall 2013 ISAAPT meeting. Please send your nomination by July 1, 2013, so that the Council might consider the candidates over the summer. For guidelines, see the “Distinguished Service Citation” link on the ISAAPT website: www.isaapt.org

ISAAAPT listserv

To subscribe, send the following message to listserv@ilstu.edu, being certain to turn off your signature: SUBSCRIBE isaapt-l

Minutes of the Spring 2012 ISAAPT Executive Council Meeting

Saturday, March 31, 2012
University of Illinois at Urbana-Champaign

Call to Order: President Brian Davies called the meeting to order at 7:08. Council Members present: Past-President Doug Brandt, President-Elect Andrew Morrison, Secretary/Treasurer Dave Sykes, Webmaster and Publicity Chair Dave Renneke, Section Representative Zak Knott, High School Representative Ann Brandon, Tom Carter, Deb Lojkutz, Noella D’Cruz, Bill Hogan, Richard Ross, Charles Schultz, Morten Lundsgaard, Carl Wenning, and Tom Foster.

E-Action Items: A motion to approve the Fall 2011 Executive Council Meeting minutes was made by Doug Brandt on December 4, 2011 and seconded by Carl Wenning on December 4, 2011. Brian Davies informed the council during the current council meeting that only six votes for approval were made so he asked for approval from the members present. The motion passed without further discussion.

A motion was made by Bill Hogan on January 27, 2012 that a letter from the ISAAPT Executive Council be sent to the chair of the IAI physics panel chair. The motion was seconded by Jeff Chamberlain on January 27, 2012. Brian Davies entertained discussion and submitted his own thoughts on what needed to be added to the letter. He then asked Bill Hogan if he would agree to a friendly amendment. Bill agreed and Brian notified council members on February 23 that the motion passed.

A motion was made by Andrew Morrison on February 12, 2012 to accept the offer of $3500 for our participation in the 2011 ISEC conference at Tinley Park. Gary Wolber seconded on February 12, 2012. Brian Davies notified council members on February 13, 2012 that the motion had passed.

Secretary-Treasurer Report: Dave reported on the financial status of the ISAAPT. Currently the treasury has $7655 and there is approximately $36,000 in the Rossing Fund. Dave added that $1500 will be transferred from the Rossing Fund to the treasury for the reimbursement of the fee for the showing of the Atom Smashers at the Tinley Park meeting. Dave also stated that we are now in a position to lower registration fees as the treasury is relatively secure. To that end a motion was made by Carl Wenning to create an ad-hoc committee for the purpose of investigating possible uses of our treasury. Tom Foster seconded the motion. Carl suggested that the committee be comprised of five (5) members and he agreed to be the chair. Tom Foster, Deb Lojkutz, Zak Knott, Dave Sykes, and Bill Hogan volunteered to serve on the committee.

Section Representative Report: Zak Knott reported that:

1.) The AAPT is much better off financially than it was just three years ago.
2.) An idea to consolidate two (2) national meetings a year into one was tabled.
3.) The winter national meeting will be shortened from five (5) days to four (4).
4.) The AAPT is putting out a call for a “speakers bureau” – a group of experts who are available to give presentations throughout the nation.
Zak added that he can’t attend the summer meeting in Philadelphia. Ann Brandon volunteered to substitute as section rep as she was planning on attending the meeting anyway.

**High School Representative Report:** Ann Brandon reported that 99% of the time spent on the committee was spent preparing for the next national meeting.

**Publicity Chair and Webmaster Report:** Dave Renneke reported that the meeting organization went well and the website is running smoothly. He added that during the month of March there were 650 hits on the website including 48 on Thursday (3/29/2012).

**Newsletter Editor Report:** Brian Davies reported that he mailed 120 newsletters, hand delivered three (3), and emailed eight (8). He requested a reimbursement of $55 for postage.

**Outstanding High School Teacher Award:** Cliff Parker was unable to attend the meeting and no report was submitted.

**Committee for the Distinguished Service Citation:** Dave reported that the committee is now comprised of Tom Snyder (most recent recipient), Deb Lojkutz, and Dave Sykes. Deb suggested that the deadline for nominations be changed to June 1 and Brian suggested making the deadline even later, to July 1. Deb agreed to the later date and Dave Renneke stated that he would change the date on the website.

**Current Meeting Update:** Dave Renneke reported that attendance was typical for a section meeting. Host Morten Lundsgaard was not present to give specific numbers.

**Old Business:**

**Liability Insurance:** Dave Sykes reported that he had paid the annual premium ($245.00) for the liability insurance covering the ISAAPT on September 1, 2011.

**Incorporation:** Doug Brandt passed around a form soliciting the names and addresses of council members – a preliminary requirement for the process of ISAAPT incorporation.

**Fall Meeting Update:** Andrew Morrison reported that the Fall 2012 meeting at Joliet Junior College will be a joint meeting with the Chicago Section and that the planning was going well.

**Local Physical Science Alliances (LPSA):** Carl reported that two (2) local physics alliances have been very active and have had very good attendance at meetings.

**ISAAPT Logo:** Tom Foster presented three (3) possible logos up for a vote by the council. By a ten (10) to four (4) vote the council thought Option A was their favorite. Zak suggested that “Illinois Section” be placed above “AAPT” instead of below it. After some discussion the council asked if Tom could have the graphic artist create a logo with the aforementioned change and have it presented at the next council meeting. Tom agreed.

**IAL dilemma:** Brian Davies reported that the letter had been sent to the IAI that describes our position concerning recent changes in the goals of General Education Science Courses.

**Upcoming meetings:** Brian reported that he would be willing to host the Spring 2013 meeting of the ISAAPT. The schedule of meetings is as follows:
- Fall 2012: Joliet Junior College
- Spring 2013: Western Illinois University
- Fall 2013: Illinois State University

**ISAAPT Mirror Website:** Andrew Morrison reported that Dave Renneke has an off-line back-up website.

**Guidebook Program:** Tom Foster moved to renew the guidebook program for another three (3) years. Ann Brandon seconded and the motion passed without further discussion.

**Adjournment:** The meeting was adjourned at 8:05 a.m.

Faithfully submitted,

*Dave Sykes, Secretary/Treasurer, ISAAPT*