

Tentative 2011/12 Schedule

Updated information will be posted to www.slapt.org and associated links throughout the year along with a link to update your email address.

August 27, 2011: Uniform Acceleration Apparatus Make and Take - Sign up Deadline soon!

Host: Gene Bender
Time: 8:00 am to 12:00 pm
Place: De Smet High School
Details on other side . . .

September 17, 2011: Energy Transformations

Host: Suellen Cedergreen
Time: 8:00 am to 12:00
Place: Parkway Central

October 1, 2011: Six Flags for Teachers

Hosts: Rex Rice and Six Flags
Time: 9:00 a.m. – 12:00
Place: Six Flags St. Louis
Details on other side . . .
Curriculum materials at www.slapt.org

November 5, 2011: PTR A

Host: Val Michael
Time: 8:00 a.m. – 12:00
Place: To be announced

December 3, 2011: Audacity & Ruben's Tube Make-N-Take

Host: Jen Meyer/Bob Brazzle
Time: 8:00 a.m. - 12:00
Place: Parkway Central

January 21, 2012: Light/Wave Communications

Host: Rex Rice
Time: 8:00 a.m. – 12:00
Place: Clayton High School

February 2012: Joint ACS Mtg

Details to be announced

March 2012: Google Docs/Cloud

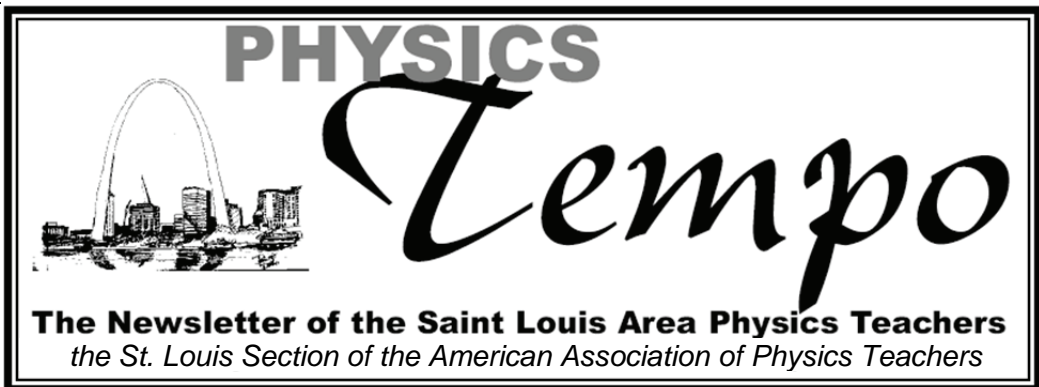
Host: Greg Schade and Mike Johns
Time: 8:00 - 12:00
Place: Possible UMSL

April 27, 2011: Six Flags Physics Day

Time: 9am to 5pm
<http://www.slapt.org/resources/sixflag/s/index.html>

April/May 2012: Annual Physics Contest

Details to be announced



Vol. 22

Fall 2011

Join the St. Louis Area Physics Teachers!

You are invited to join the St. Louis Area Physics Teachers, a dynamic group of some of the finest teachers in the nation. We sponsor a variety of workshops, make-n'-takes, sharing sessions, and social activities that are hosted and led by teachers in the St. Louis area. SLAPT

members support each other and benefit from one another's expertise in the challenging craft of physics teaching. Francis Howell's Gary Taylor shares his thoughts in his President's message below.

Join SLAPT for free by visiting www.slapt.org. Then, share your contact information under the "Mailing List" link. A few times each month, email updates are sent about upcoming events, messages from SLAPT members, and announcements about community activities of interest to physics teachers. You will also find a number of teaching



resources posted at the website, including curriculum materials, labs, equipment construction directions, and complete resources for Six Flags' Physics day.

Please feel free to e-mail any officer or workshop leader with questions. We look forward to meeting you during the coming year as we work to serve our students exemplary instruction.

SLAPT President's Welcome

Welcome to the 2011-2012 Saint Louis Area Physics Teachers Association! Come and participate in the best peer-directed teacher support organization in the world (IMHO). We will be continuing our long tradition of workshops and meetings aimed to provide direct classroom support to you. Look at our schedule of events and come to one. You too will find great peer discussions, conversations, classroom lessons, unit planning strategies, and the latest research-based "best practices." We have the most experienced physics teachers in the area giving workshops and providing personal support to the teachers of the Saint Louis Region (and beyond). Many of our workshop leaders have provided these same services at national conferences. Please let me know if you have a need in your classroom. SLAPT has many resources and we aim to serve. Don't forget to check out www.slapt.org online, and especially make sure you have signed up to receive our periodic emails giving details on all the workshops, as this printed newsletter is sent out just once a year. Thanks and I'll see you at the next meeting. Gary Taylor

Gary Taylor, gary.e.taylor@att.net, President – Saint Louis Area Physics Teachers

May 2012: SLAPT planning meeting for 2012-13

Contact: SLAPT president Gary Taylor

2011-2012 SLAPT Officers

President..... Gary Taylor
Past-President..... Jen Meyer
AAPT Section Rep..... Gary Taylor
Treasurer..... Gene Bender
Website..... Mike Johns



Opening Workshops Fall 2011

Uniform Acceleration Apparatus Make and Take

When: August 27, 2011, 8:00 am to 12:00

Host: Gene Bender gbender@desmet.org

Place: De Smet High School 233 North New Ballas Road, St. Louis

Before the school year begins to gain speed at an unknown rate come join us and build your own uniform acceleration apparatus. This incredibly simple and inexpensive device which consists of a wheel and axle that rolls down an incline allows students to easily collect accurate kinematic data that can be analyzed with amazing results. At this workshop, participants will learn how to use this device in the classroom and analyze a uniformly accelerating object. Participants will also have the opportunity to build their own set of uniform acceleration apparatus to take home. Please register before August 20 via email to Gene at the address above. (There will be a small charge to cover materials.) I hope to see you at our first meeting of the year!

Six Flags Events Continue for October and April!



Mark your calendars now for our 2011 Teacher Workshop at Six Flags on Saturday, October 1, and for Physics Day 2012, scheduled for April 27.

Six Flags has supported SLAPT's development of a comprehensive educational component for Physics Day and has made Physics Day separate from Math and Science Day, giving students more time on the rides and reducing lines. To learn more about how to include amusement park physics into your classroom, join us (and bring a guest) for a free workshop at Six Flags on October 1 at 9am. We'll begin with a behind-the-scenes tour of the engineering that makes the rides work. Next, we'll provide an overview of the resources available to use with students in preparation for Physics Day and to use at Physics Day. Finally, we'll strap on our wireless data collection devices and ride, ride, ride!

RSVP to Leanne Creek, LCreek@sftp.com with "Physics Workshop" in the subject line and you and your guest's name in the body of the note. Additional Six Flags Physics day curriculum materials and information can be obtained at:

<http://www.slapt.org/resources/sixflags/index.html>



St. Louis Area Physics Teachers

The St. Louis Section of the American Association of Physics Teachers

*c/o Gene Bender, DeSmet Jesuit High School
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