ASU Physics Energizes Homecoming

ASU’s 2011 Homecoming week was full of memorable events, which included a Haunted House and Carnival, Lantern Walk, Parade, and Sun Devil football victory over the Colorado Buffalos. During the Homecoming Block Party, ASU Physics dazzled current students, alumni, future students, and community members with Light and Energy demonstrations and lively discussions.

A special thank you to the Society of Physics Students and the Physics Instructional Resource Team for their integral roles in executing a successful ASU Physics Homecoming!

Tomorrow’s Physics Leaders

The ASU Chapter of the Society of Physics Students (SPS) offers students interested in physics a venue for networking, leadership experiences, presenting scholarly work in professional meetings and journals, and participating in outreach. SPS members are involved in meetings, projects and activities through the year including: trips, Department of Physics colloquia and seminars, new student orientations for physics students, and homecoming.

According to SPS President Tyler Kutz, there are currently about 50 SPS members, and new member registration is now open. Please visit their website, or stop by the SPS room (PSF 478) for further information on how to get involved with SPS.
Undergraduate Problem of the Month

A small Jurassic mosquito is revealed by X-rays to be located exactly at the center of a spherical chunk of transparent amber. If the amber sphere has a radius of curvature of 2.5 cm, and if the amber has a refractive index of 1.6, calculate the apparent position of the mosquito as perceived by an observer holding the amber sphere.

Participant Eligibility Rules & Processes:
- Any ASU undergraduate student may participate.
- Submissions are due the end of the month (Nov 30) to the Physics Main Office (PSF 470) by 5 pm and must include your name and ASU ID number.
- The solution will be posted in the Physics Main Office (PSF 470) until 5 pm on Dec 7.
- For every correct solution turned in, the ASU undergraduate student will earn a special treat. The ASU undergraduate student who turns in the most correct solutions at the end of the academic year will be recognized at the Physics Annual Awards Ceremony.

The Department of Physics is not responsible for lost or incomplete entries.

Special thanks to Dr. Smith for contributing November’s Undergraduate Problem of the Month.