



The SpartIEEE

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Upcoming Events

- January 13 – Visit to MSU Cyclotron
- January 26 – IEEE Lab Workshop
- February 21 – 5th Annual SPAC at the Kellogg Center from 6:00 – 9:30 pm.
- February 22 – “Engineering: Opening Doors to Change the World” at the Engineering Building from 5:30 – 7:30 pm.
- February 26 – Annual Student Engineering Technology (SET) Day

IEEE Links

MSU Student Chapter

SEM Website

Region 4 Website

IEEE National Website

IEEE Members Fly the Spartan Blimp

If you have attended an ice hockey game at Munn Ice Arena or a woman's volleyball game at Jenison Fieldhouse over the last few years, you have probably noticed the large white blimp that flies overhead during intermissions dropping prizes to the crowd. What you may not have known is that this blimp is actually maintained and operated by IEEE members at MSU. The blimp is sponsored by Shaheen Chevrolet



of Lansing and is flown by IEEE members at nearly all ice hockey and volleyball games during the late fall and early spring of each year. Last spring, a team of five Electrical Engineering students (three of whom were IEEE Executive Board members) added a remote controlled video camera to the blimp that could wirelessly transmit video to the big-screen scoreboard

television at the Munn Ice Arena. This season, IEEE Blimp Chair, Gavin Mathes, has been working hard to ensure that the blimp is in the air at every sporting event possible. Although the new video equipment has not yet been utilized at a live hockey game, be on the lookout for this new feature during the upcoming semester. If you are interested in helping fly the blimp this spring, contact Gavin at mathesga@msu.edu.

Members Team Up For First Annual Bed Race

On Sunday, September 19th, five members of the IEEE Executive Board took to the streets of East Lansing to participate in the first annual Bed Race hosted by the Delta Sigma Phi Fraternity. The goal of the event



IEEE Members (clockwise starting in front) Erich Hauptli, Craig Tucker, Doug Westbury, Gavin Mathes, and Robert Flotkoetter at the Bed Races.

was to raise money for the East Lansing Hannah Community Center's after school tutoring program for children. Ten teams competed in the event, and over 100 people gathered along the streets to watch. IEEE won 1st Place for “Best Design” as well as 3rd Place Overall at the event which raised nearly \$3,000.00 for the local organization. IEEE members were proud to be given an opportunity to

Further Information

Wavelengths

A newsletter published eight times per year by the Southeastern Michigan Section of IEEE.

The Institute

A report on news around the IEEE.

IEEE Spectrum Online

The member publication of the IEEE.

What's New @ IEEE For Students

Check out this publication that is written monthly for students.

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Contact Us

MSU Student Chapter

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Our new office is located in room 2308C of the Engineering Building.

help such a valuable local cause, and had an excellent time in the process. Team Captain, Robert Flotkoetter, commented that, "We all had a great time getting together outside of the Engineering Building to help give back to the East Lansing community and join our peers for some great competition." Representatives from the MSU State News as well as WLNS-TV were also present at the event. The article that appeared in the MSU State News can be found at www.statenews.com by selecting "archives" and then searching for September 19th. The article is located in the State & Local section of the newspaper. In the coming semester, IEEE plans to team up with the National Society of Collegiate Scholars at MSU to participate in another philanthropy event.



IEEE Hosts First Lab Workshop of the Year

On Thursday, December 9th, the MSU Student Chapter of IEEE held its first lab workshop of the year. The goal of this workshop was to educate students on proper soldering techniques, as well as give each student an opportunity to build something that they could take home



Marie and Doug showing off their projects.

with them. Fourteen students were in attendance at the event to assemble Christmas Tree kits that were purchased thanks to the wonderful support the Electrical and Computer Engineering Department. SEC Rep., Paul Kucher commented that, "I'm not sure if it was people getting into the Christmas spirit or if they really wanted to solder, but I think we had a great turnout." The event was open to any electrical engineering student, regardless of past soldering experience, and attracted a crowd ranging from freshman to graduate students. Dr. Tim Hogan, IEEE faculty advisor, demonstrated the correct technique, and cleared up common misconceptions that often arise due to improper education on soldering. There were also several Executive Board members present to help students complete their projects. One of the main objectives of our organization is to educate students on practical topics in engineering to better prepare them for life outside of college. Events like this one serve as a good break from lecture, and allow students to gain hands on experience in the lab. IEEE plans to host several more lab workshops next semester.



If you have an idea for a future lab, please contact Steve Moy, IEEE Lab Coordinator at moysteve@msu.edu.