

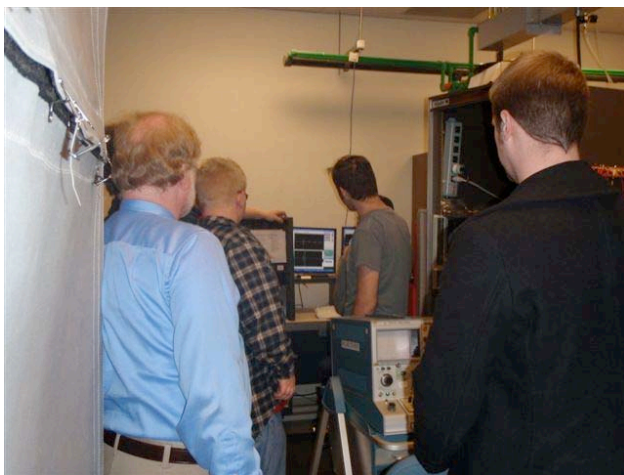
Society of Physics Students 2010 Zone Meeting Report

*Portland State University
Zone 17, Chapter 5617*

On April 17th 2010, the Portland State University Chapter of the Society of Physics Students hosted the zone 17 meeting on Saturday April 17th. The zone meeting was held at Pacific University in Forest Grove, Oregon in conjunction with the Pacific Northwest Association for College Physics annual meeting. Many members were able to attend both meetings. Our meeting activities included:

- Round-table discussions over lunch between chapter members about membership promotion strategies and chapter activities (facilitated by our zone councilor, Ajay Narayanan, and Tom Olsen, assistant director of SPS and $\Sigma\Pi\Sigma$): how to bolster membership, outreach strategies,
- A presentation by Ajay Narayanan, zone 17 councilor about his chapter's strategies, activities, projects, and demonstrations.
- A game of Physics Jeopardy and poster displays of student research.
- An invited talk given by Andrew Martwick, Intel Corp. about his experience as a "hidden physicist" in the semiconductor industry. He spoke about problem solving skills he gained through his education in physics and how this mindset melded with an engineering and business environment.
- A tour of TriQuint Semiconductor. This featured: presentations on III-IV semiconductor technology (specifically applied to hand-held devices), a window-tour of cleanroom facilities, a presentation from an employee with a physics background, demonstrations in the failure analysis lab (ultrasonic & x-ray tomography), as well as refreshments and promotional items.

A program for the meeting is located at <http://sps.groups.pdx.edu/zone2010/>. The meeting was attended by 20 members total from the Portland State University, Greenriver Community College, Bellvue College, and Washington State University chapters.



TriQuint Semiconductor tour: Demonstrations in the failure analysis lab (left), group photo in conference room (right).