

Cooperative Education

Software Test Engineering

Eaton Corporation

Amie Boes

My ANSYS Co-op Experience

ANSYS, Inc

Christopher Butor

Three Rotations with ANSYS, Inc

ANSYS, Inc

Walt Impellicceiri

Software Development and Testing at ANSYS, Inc

ANSYS, Inc

Paul Kohler

My Co-op Experience

Vocollect

Duane Littleton

The Bacharach Experience

Bacharach, Inc

Dave Marple

Developing the ANSYS Help System

ANSYS, Inc

Sean Murray

K&M Systems, RF Engineering

K&M Systems

Peter Paskowsky

ANSYS Tool Development as a Co-op

ANSYS, Inc

Zachary Werner

UNIVERSITY OF PITTSBURGH

SWANSON school of engineering

**electrical &
computer
engineering**

**Senior Design Expo
and
Co-op Poster Fair**

**Friday
April 17, 2009
1:00 p.m. - 3:00 p.m.**

**3rd Floor Labs
Benedum Hall**

Senior Design Projects

Automated Multidrum Test Apparatus

Project Supervisor: Zhi-Hong Mao

Seth Ammer

Thaddeus P Czauski

DC/AC Converter Project

Project Supervisor: Gregory Reed

Steven Brana

Steven Davidovich

Vince Ionadi

Embedded Systems Project

Project Supervisor: Allen Cheng

Justin Murray

Marcus Scott

FM Radio

Project Supervisor: Alex K. Jones

Vince Calfo

Chris Ellis

Tim Keeton

Dave Marple

A Graphical User Interface for Computer-Aided Power System Analysis

Project Supervisor: George Kusic

Walter Impellicceiri

Dan Lamoureaux

Ryan Lauer

Tom Murray

Integrating Data from Multiple Sensors for Robotic Navigation

Project Supervisor: Don Chiarulli

Jason Rippel

Emily Smith

Laser Pointer HID

Project Supervisor: C. C. Li

Tyler Krampe

A Novel Method for the Production and Storage of Electric Power through Rainfall

Project Supervisor: Laura Schaefer

Jacob Brunner

Allen Chapman (ME)

William Epting (ME)

Julian Ferrett (ME)

Orthopedic Data Viewer

Project Supervisor: G. Elisabeta Marai

Victor Powell

Phases of Modern Compiler Design

Project Supervisors: Quang Nguyen, Youtao Zhang

Zachary Werner

PID Control on a Mobile Robotics Platform

Project Supervisor: Don Chiarulli

Duane Littleton

Charlie Yocum

Rechargeable Battery Station

Project Supervisor: Gregory Reed

Andrew Bilitski

Matthew Korytowski

Zachary Nyce

UPS Network Monitoring Software

Project Supervisor: Howard Kuhn

Sami Al-Qaisi*

Alicia Beacom

Stan Surmay

Dustin Walters*

WiTricity Power Distribution: A Demonstration for a Wireless Sensor Network

Project Supervisor: Mingui Sun

Steve Biedrzycki

Devin Moore

Pat Wetherill