

## **IEEE OREGON PRE-COLLEGE ACTIVITIES -- 2006**

John Vinson, Oregon PCA Chair

**On Saturday February 18<sup>th</sup>, 2006**, Oregon IEEE PCA attended **MATHCOUNTS** Competition at OGI. There were approximately thirteen schools present. It was a huge success with OIEEE PCA and members present. Mr. Allen Pierce of PGE and an IEEE member has shared running the program for years. Awards were given out to the students and schools with pizza and hot and cold drinks.

**On Friday, March 3<sup>d</sup>, 2006**, Oregon IEEE PCA and numerous IEEE members judge at the “**4<sup>th</sup> Aardvark Science Exposition**”. **This is an ISEF Regional fair held at OES's High School.**

**On Friday March 17<sup>th</sup>, 2006**, Oregon IEEE PCA and IEEE members judged for the **IEEE Special Awards** at the **NW Science Expo** held at Portland State University. Judging and awards were given out to both High School and Mid School applicants.

### **On Thursday May 18<sup>th</sup>, 2006**

PCA is also active in the **OPAS – Oregon Pre-Engineering and Applied Sciences** Strategic Planning this year. We have supported various activities such as Marketing Engineering Committee, participated on surveys for engineering education and attended an OPAS lecture by Dr. Bucciarelli of MIT on May 18<sup>th</sup>:

#### **"Why I do not want my daughter to major in engineering"**

Expression of need for renovation of engineering education is reaching a point where something significant, enduring and rightly directed might actually happen. Evidence of moves in this direction comes from abroad as well as here in the US. I will report on a new attempt at radical reform of undergraduate engineering education ongoing at the Danish Technical University.

Forty percent of the students are women. There, I would send my daughter, if she so desired.

### **Through this year, 2006**

PCA has sent information to various students on schools, careers and contacts for education in science and engineering.