

EE News

**Good luck
on finals!**

March 1991 Volume 5, Number 4

Everyone likes it hot!

Pizza Unites EE's at IEEE Pizza Feed

Pizza. That wonderfully palatable phenomenon enjoyed by many. That common language that breaks all barriers between social groups and generations. Or so it seemed on the night of February 20 when the UW IEEE Student Branch hosted the 1991 IEEE Seattle Section Pizza Feed. The event, held at the South Campus Center, brought together students, teachers, and industry professionals from the local electrical engineering community.

After feasting on pizza and refreshments, the guests settled down to listen as Dr. Endrik Noges opened the evening's program with a speech about graduate school. The associate chair of the UW EE department explained the motivations for graduate study and encouraged the students in the audience to consider this option. During the brief intermission after Dr. Noges's speech, Professor Blake Hannaford of the EE department presented a short video on robotics. Later, in a speech punctuated with moments of humor, he discussed the similarities and differences between a career in academics and a career in industry, using signal flow diagrams, transfer functions, and feedback loops to demonstrate his points.

One of the highlights of the night was the presentation of the IEEE Grant-In-Aid student awards by Paul Kostek, chairman of the Seattle Section. These awards are presented annually to those individuals who have demonstrated academic excellence and successfully contributed to their student branches. This year's recipients from the UW

were Ken Sadahiro and Dale Wilson. They each received a \$250 scholarship.

The final presentation of the night was given by Chris D'Hondt of IBM. Titled "Technology Manufacturing: A U.S. Paradigm," it was an overview of the latest efforts by U.S. companies to improve manufacturing efficiency and quality. Drawing heavily from his experiences as a manager with the Storage Systems Products Division in San Jose, Mr. D'Hondt described concepts such as statistical quality control and the need to challenge foreign competition.

...the 1991 IEEE Seattle Section Pizza Feed...brought together students, teachers, and industry professionals from the local electrical engineering community.

Professor Bob Marks of the EE department did a fine job of running the evening's program and introducing the various speakers. He once took the opportunity himself to briefly describe the activities of the IEEE and the benefits of being a member.

The evening closed with a drawing for door prizes, including a copy each of Microsoft Windows and Aldus Persuasion, deluxe Motorola ball-point pens, and a deluxe "GEEK" sweater courtesy of the IEEE Student Branch.

So after a successful and enjoyable evening, only one problem remained: deciding who got to take home the leftover pizza.

—Ming Koh

Epitaxy Beam Reactor Coming to UW in Fall 1991

Professor T.P. Pearsall and M.S.E. student Joe Ketterl have placed an order with the EMCORE Corporation for the purchase of a chemical-beam epitaxy reactor. This instrument will make possible the growth of indium phosphide and gallium-indium-arsenide-phosphide at the University of Washington. These compounds form the nucleus of all opto-electronic devices used in optical fiber telecommunications. In addition, the world's current speed record for fast transistors is held by a bi-polar transistor using these materials. The reactor is scheduled for delivery in the fall of 1991, and should be operational before the end of the year.

—T.P. Pearsall

We'd like to hear what you think about the EE News! Send e-mail to ee_news@ee today!

In this issue:

PES Student Branch forms...	2
PES Paper Contest...	2
EEIC Scholarship...	2
HKN Update...	3
Advising Office News...	3
EE News Health Tips...	4
Report from the 1991 Western Communications Forum...	4
Women in EE...	4
The Other Side: Prof Moritz...	5
Dept. Activities/Publications...	6