Welcome Back Students!

I hope you had a great summer and are ready for the new semester. We would like to welcome our freshman and new transfer students to the ECE Department.

As you may have noticed, we have been very busy this summer as we continue to improve the ECE facilities. We’ve completely renovated the two old classrooms on the third floor of Ball. We now have 3 new classrooms that are all equipped with new audio/visual equipment (these rooms will also be air conditioned!). In addition, we have constructed a new VLSI Design Lab. This lab will be equipped with new Sun workstations and will be used by students taking technical elective courses related to VLSI design.

I am also happy to report that both ECE majors have been fully accredited by the Accreditation Board for Engineering and Technology (ABET). The EE Program has been re-accredited for a period of 6 years, which is the maximum time period for accreditation. In addition, our new Computer Engineering program has been accredited for the first time – also for 6 years Our Computer Engineering program accreditation is retroactive to October 2005.

I hope to see you at department activities this year and look forward to your participation in ECE organizations such as the IEEE and Eta Kappa Nu.

Have a great semester!

Professor Armiento

Research

GRANTS:

Project Title: Novel Optical Metamaterials and approached for Fabrication
Sponsor: Air Force Research Laboratory
Amount: $100,459
Duration: 09/1/07-11/30/07
PI: Alkim Akyurtlu
Co-PI: Joel Therrien

Project title: Programmable Network Infrastructure with Emerging Technologies
Sponsor: NSF
Amount: $150,000
Duration: 9/1/2007 - 8/31/2009
PI: Yan Luo
Co-PIs: Kavitha Chandra, Jie Wang, Guanling Chen

Project title: Fabrication of Novel Quantum Electronic Transistors
Sponsor : Tycoelectronics Ltd.
Amount : $71,366.90; additional processing cost of experimental wafer in the amount of $28,000 will be absorbed by Tycoelectronics.
PI : Sam Mil’shtein

DONATIONS:

Advanced Electronic Technology Center, directed by Prof. Mil’shtein, received, as a donation, a high resolution Atomic Force Microscope (AFM) model: NanoMan VS. manufactured by Digital Instruments (VEECO) from M/ACOM Ltd. The estimated cost of the microscope is $120,000.
JOURNAL PUBLICATIONS:


CONFERENCE PRESENTATIONS:


THESIS DEFENSE

Mr. Chilyoung Ji successfully defended his Doctor of Engineering Dissertation "Approximate Analytical Techniques in the Study of Quadruple-Ridged Waveguide(QRW) and its Modifications" on September 17. Advisor: Prof. Kalluri.

Calendar of Important Dates

October
8 Monday *Columbus Day (University Closed)
10 Wednesday *Monday Class Schedule
23 Tuesday *Mid-Semester: At least one evaluation required in each Course.
29 Monday *Faculty Advising Period Begins.