

April 30, 2008

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Online Version: Click News & Events at www.uml.edu/ECE

Research

GRANTS:

Title: REU Supplement
Sponsor: NSF
Amount: \$6000
Duration: May – August, 2008
PI: Prof. Akyurtlu

S. Mil'shtein, J. Palma, C. Liessner, M. Baier, A. Pillai, and A. Shendye, "Line Scanner for Biometric Applications" accepted, IEEE Intern. Conf. on Homeland Secur. May 12, 2008.

S. Mil'shtein, A. Pillai, A. Shendye, C. Liessner, and M. Baier, "Recognition Algorithm for Partial and Full Fingerprint" accepted, IEEE Intern. Conf. on Homeland Secur. May 13, 2008.

S. Mil'shtein, B. Srinivasan, "Solar-Electric Commuting Trike with Manual Peeling", accepted, Intern. Conf. on Clean Technology, CTSI-08, June 2, 2008.

J. Valenzuela, S. Mil'shtein, "Design of Triple Layer Polymer Solar Cell", accepted, Intern. Conf., on Clean Technology, CTSI-08, June 4, 2008.

B. Srinivasan, A. Solanki, S. Mil'shtein, "Design of a Solar Cell with Better Spectral Utilization Using Down-Conversion", submitted to Intern. Conf. on Phys. of Semicond., ICPS-29, Brazil, July 22-27, 2008.

A. Churi, P. Kurlawala, L. Magaldi, and S. Mil'shtein, "Shaping Electric Field in MESFET" with Moving Gate", submitted to Intern. Conf. on Phys. of Semicond., ICPS-29, Brazil, July 22-27, 2008.

CONFERENCE PRESENTATIONS:

Kanti Prasad, "Imparting Consummate Instructions in Microelectronics Engineering and VLSI Technology at the University of Massachusetts Lowell," has been declared as the best paper for Zone I by the judges at West Point, NY for ASEE's Zone I Conference, March 29, 2008. This paper will again be presented at Pittsburgh, PA, ASEE's national Conference to be held in June. One paper from each zone will be presented which means four papers will be presented in one session of ASEE's national conference. And then, best paper will be selected nation wide.

J. Valenzuela, S. Mil'shtein, "Quantum Wells in Heterojunction Polymer Based Solar Cell", Workshop on Recent Advances of Low Dimensional Structures and Devices, p.26, April, 2008.

S. Mil'shtein, A. Churi, "Is HEMT Operating in 2-D Mode?", Workshop on Recent Advances of Low Dimensional Structures and Devices, p.87, April, 2008.

A. Shendye, A. Pillai and S. Mil'shtein, "Near Infrared Photodetector with Uniform Response", submitted to Intern. Conf. on Phys. of Semicond., ICPS-29, Brazil, July 22-27, 2008.

S. Mil'shtein, A. Churi "Variable Quantum Well Along p-HEMT Channel" submitted to Intern. Conf. on Superlat. Nanostructures & Nanodev., Brazil, August 3-7, 2008.

S. Mil'shtein, P. Kurlawala, "Patterning 0.05 μ m Gate on pHEMT" submitted to Intern. Conf. on Superlat. Nanostructures & Nanodev., Brazil, August 3-7, 2008.

Seminars

ECE Department Colloquium:

Title: Software Radio: A Broad Change in RF Communications Systems Design

Speaker: Dr. John Chapin, Vanu, Inc.

When: April 30, 2008, 3:30 – 4:30 PM

Where: Ball Building, Room 326

Nuclear and Plasma Sciences Society and North Shore Subsection Presents:

Title: Controlled Nuclear Fusion: Where are we at? What problems remain?

Speaker: Dr. Robert S. Granetz, Principal Research Scientist, MIT Plasma Science and Fusion Center

When: May 22, 2008, 6:30 PM

Where: Ball Building, Room 412

Calendar of Important Dates

May

7 Wednesday *Last Day for Faculty to Administer quizzes and examinations prior to Final examination period

14 Wednesday *Last Day of Spring Semester Classes
*Last Day for Faculty to File Grades for Incompletes, and Changes of Course Grades for Fall Semester (2007) Courses

15 Thursday *Reading Day

16 Friday *Spring Semester Examinations Begin

22 Thursday *Spring Semester examinations end 6:00 P.M.
*Residence Halls close 6:00 P.M.

26 Monday *Memorial Day (University closed)

31 Saturday *University Commencement