Frank H. Dotterweich College of Engineering
First Annual Graduate Students Posters Competition
Tuesday, April 24, 2012

List of top 10 Posters

1. “Impacts of Cross-State Emissions on Air Quality Attainment in the Mid-Atlantic Region”
   By X. HOU, Advisor: K. J. LIAO,
   Department of Environmental Engineering

2. “An Intelligent Control Framework for Smart Grids”
   By Naren Reddy Dhansri, Salman Abdul Mujeeb. Advisor: Dr. Muhittin Yilmaz,
   Department of Electrical Engineering and Computer Science

3. “Storage Device Bandwidth Optimization Via Linear Integer Programming”
   By Pratyush Valluri, Naren Reddy Dhansri. Advisor: Dr. Muhittin Yilmaz,
   Department of Electrical Engineering and Computer Science

4. “Lab Scale Experiments To Determine And Quantify The Water Adsorption Capacity Of Biocover Media”
   By Sagar A Chitre* and Sergio Santos. Faculty Mentors: David Ramirez, and Kim Jones,
   Department of Environmental Engineering

5. “BEAMFORMING TECHNIQUES FOR Over the horizon radar”
   By Faris Akbar, Mohammed. Advisor: Nuri Yilmazer,
   Department of Electrical Engineering and Computer Science

6. “Survey of Groundwater Concentrations of Uranium and other Constituents in Kleberg County, Texas”
   By Yaneth Gamboa. Advisor: Dr. Lee W. Clapp,
   Department of Environmental Engineering,

7. “A SYNTHESIZABLE IEEE 754 FLOATING POINT HARDWARE MODULE FOR EMBEDDED MICROPROCESSOR IN AN FPGA”
   By Nangom Surajkumar Singh. Advisor: Dr. Reza Nekovei,
   Department of Electrical Engineering & Computer Science

8. “A Non-Reactive Transport Model for Evaluation of U (VI) In-situ Reduction using H₂ Injection: Model Calibration and Optimization”
   By Jose Cabezas. Mentor: Lee Clapp,
   Department of Environmental Engineering

   By Nereyda Facundo Torres. Advisor: Dr. David Ramirez,
   Department of Environmental Engineering,

10. Oil Drilling Optimization by An Intelligent Control Framework
    By Salman Abdul Mujeeb*, Naren Reddy Dhansri. Advisor: Dr. Muhittin Yilmaz,
    Department of Electrical Engineering and Computer Science