UNIVERSITY OF NORTH TEXAS

COMPUTER SCIENCE & ENGINEERING

UNT CSE

STUDENT NEWSLETTER

February 2012 Edition

Greetings from the CSE Chair

Dear CSE Students,

Great news to share with you in Spring 2012! The Toulouse

Science graduate at UNT, for donating 10 Kinect sensors to LARC in September 2011. These will be used by students in Dr. Parberry's Game Programming classes, where students will learn how to use the Kinect SDK to add motion sense technology to their games. ↑

Dr. Mohanty appointed General Chair of ISVLSI 2012

Dr. Saraju Mohanty has been appointed as the General Chair of the IEEE Computer Society Annual Symposium on VLSI. ISVLSI 2012 will be held at the University of Massachusetts in Amherst, August 19-21, 2012. Dr. Mohanty believes that this is a true demonstration of the leadership VLSI research undertaken at NanoSystem Design Laboratory (NDSL) and the event will bring significant visibility to UNT.

In other news from NSDL, student member **Oleg Garitselov** traveled to Hyderabad, India during the first week of January 2012. He presented two papers and received very important international exposure. The following two papers were presented:

- O. Okobiah, S. P. Mohanty, E. Kougianos, and O. Garitselov, "Kriging-Assisted Ultra-Fast Simulated-Annealing Optimization of a Clamped Bitline Sense Amplifier", in Proceedings of the 25th IEEE International Conference on VLSI Design (VLSID), pp. 310-315, 2012.
- O. Garitselov, S. P. Mohanty, and E. Kougianos, "Fast-Accurate Non-Polynomial Metamodeling for nano-CMOS PLL Design Optimization", in Proceedings of the 25th IEEE International Conference on VLSI Design (VLSID), pp. 316-321, 2012.

Dr. Mohanty also presented the following paper in Kochi India: O. Garitselov, et al., "Bee Colony Inspired Metamodeling Based Fast Optimization of a Nano-CMOS PLL", in Proceedings of the 2nd IEEE International Symposium on Electronic System Design (ISED), pp. 6-11, 2011.

A U.S. patent was issued to Dr. Mohanty in November 2011 with title "Methods and Devices for Enrollment and Verification of Biometric Information in Identification Documents", US Patent Number: 8058972. ↑

Dr. Paul Tarau presents papers