

## **Research Activities at the UAB Center for Information Assurance and Joint Forensics Research**

Speaker: Dr. Purushotham Bangalore, *University of Alabama at Birmingham*

Date and Time: October 10 (Friday), 2014 - 2:00pm-3:00pm

Location: 3437 SEC

### **Abstract:**

The Center for Information Assurance and Joint Forensics Research ("The Center") is the locus on the UAB campus for basic and applied interdisciplinary research in cybersecurity and forensic science, broadly defined, as well as business development, innovation, and entrepreneurship. The Center partners with business, industry, and government to 1) identify opportunities for funded research, 2) convert those opportunities into grants, contracts, or gifts, and 3) engage in workforce development. The end result of these activities is to advance relevant disciplines represented in the Center – the Center's "core" areas, create new intellectual property (IP) which can be leveraged into opportunities for startup companies, and contribute to economic development in metropolitan Birmingham and the State of Alabama. Much of the Center's work revolves around creating new tools and techniques that can be used in business, industry, and government to identify and solve problems in an age where creating, storing, and securing information is at the forefront of everyday activities. This presentation will provide an overview of the various research efforts that are currently being pursued at the Center.

### **Biography:**

Dr. Purushotham Bangalore is an Associate Professor and Director of the Collaborative Computing Laboratory (CCL) in the Department of Computer and Information Sciences (CIS) at the University of Alabama at Birmingham (UAB). He also serves as the Assistant Director for the UAB Center for Information Assurance and Joint Forensics Research ("The Center"). His current research work involves developing novel programming techniques to synthesize parallel programs for heterogeneous architectures and next-generation High Performance Computing (HPC) platforms.

Dr. Bangalore received a Ph.D. in Computational Engineering in May 2003 from Mississippi State University. He also has a M.S. degree in Computer Science (May 1995) from Mississippi State University and B.E. degree in Computer Science and Engineering (October 1991) from Bangalore University, India.