ASEE Annual Conference 2013
Computing and Information Technology Division- Call for Papers

The **COMPUTING AND INFORMATION TECHNOLOGY DIVISION** (CIT) invites abstracts and subsequent papers for the 2013 ASEE Annual Conference being held in Atlanta, Georgia, June 23 - 26, 2013. CIT is a multidisciplinary group with common interests in education in computing and information technology, applied digital information engineering, technology, systems, and technology management. Papers that are accepted by the CIT division are automatically eligible for the award of the Division’s Best Paper. This paper will then be considered for the conference-wide Best Paper award.

The CIT division encourages educators from any discipline to submit relevant abstracts for the 2013 ASEE Annual Conference. Topics of interest to CIT include, but are not limited to, the following areas:

**High Performance Computing**
- Operating Systems for Parallel and Distributed Systems
- Multi-tier and Enterprise Processing
- Fault Tolerance and Testing in Computing
- Cluster Computing
- Parallel Computing
- Multicore Computing
- Grid Computing
- Computing in Biology
- Teaching Parallel Application Development
- Cloud Computing
- Virtualization
- Cyberinfrastructure Systems
- Computing in Genetics

**Database Systems**
- Parallel Databases
- Distributed Databases
- Mobile Database
- Embedded Databases
- Data Engineering
- Data Mining and Warehousing

**Embedded Systems**
- Real-Time Systems
- Mobile and Ubiquitous Computing
- Mobile Applications
- Mobile Systems
- Wireless Sensor Networks

**Networking and Security**
- Information Assurance and Security
- Local and Global Privacy and Security Standards
- Wired and Wireless Networking
Robotic Networking
Engineering Security into Integrated Systems
Web Services and Internet Computing
Network Security

Student Recruitment and Curricular Related Issues in Computing and Information Technology
Innovation in Computing Systems and Education
Novel Uses of Information Technology for Instruction
K-12 to College Computing Curricula
Assessment Approaches for the Computing Curricula
Computer Science and Information Technology Education
Undergraduate Research Involving Information and Computing
Capstone Experiences in Information and Computing Curricula
Computer Science & Information Systems Student Recruitment Activities
Women in Computing

Artificial Intelligence
Infrastructure for Remote Education
Remote Access Laboratories
Human Computer Interaction and Visualization
Enterprise Systems Architecture / Administration

Authors of accepted abstracts will be invited to prepare a full paper for peer review for publication in the conference proceedings. Abstracts must be submitted via Monolith on the ASEE Conferences Website. The CIT has a Publish-to-Present policy which states that a paper must be both submitted and accepted for publication in order to present at the annual conference.

Abstracts will be accepted through the Monolith system. For information regarding Monolith and deadlines please check the following website:

http://www.asee.org/conferences-and-events/conferences/annual-conference/2013

Questions may be addressed to the 2013 ISD Division program chair:

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