ASEE Annual Conference 2017
Computing and Information Technology Division
Call for Papers

The COMPUTING AND INFORMATION TECHNOLOGY DIVISION (CIT) invites abstracts and subsequent papers for the 2017 ASEE Annual Conference being held in Columbus, Ohio, June 25 - 28, 2017. CIT is a multidisciplinary group with interests in education in computing and information technology, applied information engineering, systems integration, and information technology management. Papers that are accepted by the CIT division are automatically considered eligible for the CIT Best Paper Award. The CIT Best Paper is then considered for the ASEE Annual Conference Best Paper award, competing against the Best Papers from other divisions.

The CIT division encourages contributors from any discipline to submit relevant abstracts for the 2017 ASEE Annual Conference. Topics of interest to CIT include, but are not limited to, the following areas:

High Performance Computing
- Cloud Computing
- Cyberinfrastructure Systems
- Virtualization
- 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
- Computing in Healthcare System
- Bioinformatics

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

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

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

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

**Miscellaneous Areas of Interest**
- Artificial Intelligence
- Computational Intelligence
- Infrastructure for Remote Education
- Remote Access Laboratories
- Human Computer Interaction and Visualization
- Enterprise Systems Architecture / Administration
- Nanotechnology
- Internet of Things

Abstracts should be submitted through [www.asee.org](http://www.asee.org) conference papers link.

Authors of accepted abstracts will be invited to prepare a full paper for peer review for publication in the conference proceedings. 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.

Questions may be addressed to the 2017 CIT Division Chair:

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