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 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:

Afsaneh Minaie, Ph.D.
Professor
Computer Science Department
Utah Valley University
800 W. University Parkway
Orem, UT, 84058
Phone: 801-863-6391
Email: minaieaf@uvu.edu