The 11th IEEE International Conference on
Dependable, Autonomic and Secure Computing (DASC2013)

Nov. 15th-17th, 2013, Chengdu, Sichuan, China

http://umc.uestc.edu.cn/conference/uscience2013

- **General Chairs**
  To be announced
- **Honorary Chairs**
  To be announced
- **General Co-Chairs**
  To be announced
- **Technical Program Chairs**
  To be announced
- **Workshop Chairs**
  To be announced
- **Industry Chairs**
  To be announced
- **Publication Chairs**
  To be announced
- **Publicity Chairs**
  To be announced
- **Steering Committee**
  To be announced
- **International Adversary Committee**
  To be announced
- **Conference Secretary**
  To be announced
- **Workshops**

The DASC2013 Organizing Committee invites proposals for one-day workshops affiliated with the conference and addressing research areas related to the conference. The workshop proceedings will be published by IEEE CS Press. Submit workshop proposals to workshops chairs via emails.

- **Publications**

Accepted and presented papers will be included into the IEEE Conference Proceedings published by IEEE CS Press (indexed by EI). Distinguished papers accepted and presented in DASC2013, after further extensions, will be published in special issues of several SCI/EI Indexed journals.

JOURNAL SPECIAL ISSUES

Distinguished selected papers accepted and presented in DASC2013, after further extensions, will be published in special issues of the several **SCI/SCIE Indexed Journals**.

- **IEEE Transactions on Computers (SCI Indexed IF: 1.103)**
- **Future Generation Computer Systems (SCI Indexed IF: 1.978)**
- **More to be announced**

CALL FOR PAPERS

As computer systems become increasingly large and complex, their Dependability, Security and Autonomy play critical role at supporting next-generation science, engineering, and commercial applications. These systems consist of heterogeneous software/hardware/network components of changing capacities, availability, and in varied contexts. They provide computing services to large pools of users and applications, and thus are exposed to a number of dangers such as accidental/deliberate faults, virus infections, malicious attacks, illegal intrusions, and natural disasters etc. As a result, too often computer systems fail, become compromised, or perform poorly and therefore untrustworthy. Thus, it remains a challenge to design, analyze, evaluate, and improve the dependability and security for a trusted computing environment. Trusted computing targets computing and communication systems as well as services that are autonomous, dependable, secure, privacy protect-able, predictable, traceable, controllable, assessable and sustainable.

The scale and complexity of information systems evolve towards overwhelming the capability of system administrators, programmers, and designers. This calls for the autonomic computing paradigm, which meets the requirement of self-management by providing self-optimization, self-healing, self-configuration, and self-protection. As a promising means to implement dependable and secure systems in a self-managing manner, autonomic computing technology needs to be further explored. On the other hand, any autonomic system must be trustworthy to avoid the risk of losing control and retain confidence that the system will not fail. Trusted and autonomic computing and communications need synergistic research efforts covering many disciplines, ranging from computer science and engineering, to the natural sciences to the social sciences. It requires scientific and technological advances in a wide variety of fields, as well as new software, system architectures, and communication systems that support the effective and coherent integration of the constituent technologies.

DASC2013 will be held on Nov. 15th-17th, 2013 in Chengdu, Sichuan, China. The goal of DASC2013 is to bring together computer scientists, industrial engineers, and researchers to discuss and exchange experimental and theoretical results, novel designs, work-in-progress, experience, case studies, and trend-setting ideas in the areas of dependability, security, trust and/or autonomic computing systems.

Topics of interest include, but are not limited to:

- Autonomic Computing Theory, Models, Architectures and Communications
- Dependable Automatic Control Techniques and Systems
- Cloud Computing with Autonomic and Trusted Environment
- Dependability Models and Evaluation Algorithms
- Dependable Sensors, Devices, Electronic-Mechanical Systems, Optic-Electronic Systems, Embedded Systems, etc.
- Self-improvement in Dependable Systems
- Self-healing, Self-protection and Fault-tolerant Systems
- Hardware and Software Reliability, Verification and Testing
- Software Engineering for Dependable Systems
- Safety-critical Systems in Transportation, Power System, etc.
- Security Models and Quantifications
- Trusted P2P, Web Service, SoA, SaaS, EaaS, PaaS, etc.
- Self-protection and Intrusion-detection in Security
- DRM, Watermarking Technology, IP Protection
- Context-aware Access Control
- Virus Detections and Anti-virus Techniques/Software
- Cyber Attack, Crime and Cyber War
- Human Interaction with Trusted and Autonomic Computing Systems
- Security, Dependability and Autonomic Issues in Ubiquitous Computing
- QoS in Communications and Services

IMPORTANT DATES

Submission Deadline: **Jul. 01st, 2013**	Camera Ready: **Sep. 10th, 2013**
Author Notification: **Aug. 15th, 2013**	Registration Deadline: **Sep. 10th, 2013**

PAPER SUBMISSION

Prepare your paper in PDF file with no more than 8 pages for main conference and 6 pages for workshops/symposia. The template files for LATEX or WORD can be downloaded **here**. Submit your paper(s) at the DASC2013 submission site: **2013dasc@gmail.com**

Each submission should be regarded as an undertaking that, if the paper be accepted, at least one of the authors must attend the conference to present the work.