

## The First ACM Workshop on Scalable Trusted Computing (STC'06)

<http://www.cs.utsa.edu/~shxu/stc06/>

### Call for Papers

In a society increasingly dependent on networked information systems, trusted computing plays a crucial role. Despite significant progress in trusted computing components, the issue of scalability in trusted computing and its impact on security are not well-understood. Consequently, there is a dearth of practical solutions for trusted computing in large-scale systems. Approaches suitable for small- or medium-scale trusted computing systems might not be applicable to larger-scale scenarios.

This new workshop is focused on trusted computing in large-scale systems -- those involving (at the very least) many millions of users and thousands of third parties with varying degrees of trust. The workshop is intended to serve as a forum for researchers as well as practitioners to disseminate and discuss recent advances and emerging issues.

The workshop solicits regular technical papers of up to 10 pages, and work-in-progress (or position) papers of up to 4 pages. The workshop proceedings will be published by the ACM Press. Topics of interest to the workshop include the following:

- models for trusted computing
- principles of trusted computing
- modeling of computing environments, threats, attacks and countermeasures
- limitations, alternatives and tradeoffs regarding trusted computing
- trust in authentications, users and computing services
- hardware based trusted computing
- software based trusted computing
- pros and cons of hardware based approach
- remote attestation of trusted devices
- ensorship-freeness in trusted computing
- cryptographic support in trusted computing
- case study in trusted computing
- applications of trusted computing
- intrusion resilience in trusted computing
- access control for trusted computing
- trust of computing systems
- principles for handling scales

#### Important dates:

Submission due:	June 20, 2006
Notification:	Aug. 10, 2006
Proceedings version due:	Aug. 21, 2006
CCS conference:	Oct. 30 - Nov. 3, 2006
STC workshop:	Nov. 3, 2006

**Submission information:**

TBA

**PC co-chairs:**

Gene Tsudik University of California, Irvine  
Shouhuai Xu University of Texas, San Antonio  
Moti Yung RSA and Columbia University

**Program Committee:**

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