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
censorship-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:

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Submission due:</td>
<td>June 20, 2006</td>
</tr>
<tr>
<td>Notification:</td>
<td>Aug. 10, 2006</td>
</tr>
<tr>
<td>Proceedings version due:</td>
<td>Aug. 21, 2006</td>
</tr>
<tr>
<td>CCS conference:</td>
<td>Oct. 30 - Nov. 3, 2006</td>
</tr>
<tr>
<td>STC workshop:</td>
<td>Nov. 3, 2006</td>
</tr>
</tbody>
</table>
Submission information:

TBA

PC co-chairs:

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Moti Yung    RSA and Columbia University

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