2014 ACM Cloud Computing Security Workshop (CCSW)

7 November 2014, Scottsdale, Arizona, USA

In conjunction with the ACM CCS Conference

http://digitalpiglet.org/nsac/ccsw14

Microsoft

Notwithstanding the latest buzzword (grid, cloud, utility computing, SaaS, etc.), large-scale computing and cloud-like infrastructures are here to stay. The exact form they take is still for the markets to decide, yet one thing is certain: clouds bring with them new deployment models and hence new adversarial threats and vulnerabilities. CCSW brings together researchers and practitioners in all security aspects of outsourced computing, including:

- practical cloud security solutions
- practical cryptography for cloud security
- secure cloud resource virtualization
- network virtualization
- secure data management outsourcing
- practical privacy & integrity for outsourcing
- foundations of cloud-centric threat models
- secure & verifiable computation outsourcing
- remote attestation mechanisms in clouds
- sandboxing and VM-based enforcements
- trust and policy management in clouds
- secure identity management mechanisms
- cloud-aware web service security paradigms
- cloud-centric regulatory compliance
- business & security risk models in the cloud
- cost & usability models and their interaction with security in clouds
- scalability of security in global-size clouds
- trusted computing technology and clouds
- binary analysis of software for remote attestation and cloud protection
- cloud network security (DoS defense, IDS)
- security for cloud programming models
- energy/costs/efficiency of security in clouds

We would like to *especially encourage novel paradigms and controversial ideas* that are not on the above list. The workshop is meant to act as a fertile ground for creative debate and interaction. Full technical papers are solicited. Multiple **student stipends** are available to attend CCSW. Preference is given to students with papers.

DATES

- Submissions: July 30, 2014
- Author notification: August 25, 2014
- Camera-ready papers due: September 7, 2014

KEYNOTE SPEAKERS

- *To be announced.*

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