

# 2010 ACM Cloud Computing Security Workshop (CCSW)

8 October 2010, Hyatt Regency Chicago

<http://crypto.cs.stonybrook.edu/ccsw10>

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

- secure cloud resource virtualization
- secure data management outsourcing
- practical privacy & integrity for outsourcing
- foundations of cloud-centric threat models
- secure 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 and mechanisms
- cloud-centric regulatory compliance
- business & security risk models and clouds
- 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
- network security mechanisms for clouds
- emerging cloud programming models security
- 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. Both full and short papers are solicited (**core research** and **vision/position works**). More details online.

## DATES

- Submissions: **July 6, 2010**
- Author notification: August 6, 2010
- Camera-ready: August 16, 2010

## ORGANIZATION

### Steering

Kristin Lauter, Microsoft  
Adrian Perrig, *Carnegie Mellon University*  
Radu Sion, *Stony Brook* (chair)  
Gene Tsudik, *UC Irvine*  
Moti Yung, *Google and Columbia University*

### PC Chairs

Adrian Perrig, *Carnegie Mellon University*  
Radu Sion, *Stony Brook* (chair)

### Committee

Steven Bellovin, Columbia  
Christian Cachin, IBM Zurich  
Jan Camenisch, IBM Zurich  
Bogdan Carbunar, Motorola Labs  
Jeff Chase, Duke  
Mihai Christodorescu, IBM Research  
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George Danezis, Microsoft Research  
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