

Foreword

Notwithstanding the latest buzzword (grid, cloud, utility computing, SaaS, IaaS, KaaS, PaaS, 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 untested deployment and associated adversarial models and vulnerabilities. Thus, it is essential that our community becomes involved at this early stage. The Cloud Computing Security Workshop (CCSW) was started with this purpose in mind: to bring together researchers and practitioners in all security aspects of cloud-centric and outsourced computing.

The call for papers attracted overwhelming interest from the community with over 30 submissions from Asia, Canada, Europe, and the United States. The program committee accepted 11 full and 3 short papers. Additionally, we felt that in this first instance of the workshop it is essential to bootstrap the dialogue by inviting distinguished speakers such as Whitfield Diffie, Sun's Chief Security Officer and one of the fathers of public key cryptography, Ian Foster, one of the founders of the international Grid community, as well as Peter Mell and Tim Grance from the Computer Security Division of the National Institute of Standards and Technology (NIST) who are initiating important government efforts to shape essential components in the broader cloud arena.

CCSW 2009 was a team effort. I would like to thank the program committee and external reviewers who worked extremely hard to get things done on time. The ACM and CCS teams were instrumental in handling the organizational aspects of all the co-hosted workshops and deserve special thanks. Special thanks also go to the CCS program chairs, Angelos Keromytis and Somesh Jha for their support. We would also like to thank our sponsors, Microsoft Research (in particular the MSR Cryptography Group), as well as the National Science Foundation, for speaker and student support. Last, but not least we would like to thank the authors, distinguished speakers, and participants for allowing us to create such a rich experience.

We hope that you will find the workshop fun and interesting. We also hope that in the years to come, CCSW will constitute a platform for dialogue and interaction on "clouds" (or whatever future buzzwords tomorrows' spinmeisters would come up with) in general and their associated security challenges in particular.

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