

Foreword

It is our great pleasure to welcome you to the 2016 ACM Workshop on Information Sharing and Collaborative Security – WISCS’16. The mission of this workshop is to advance the scientific foundations for sharing threat and security-related data among organizations. The call for better information sharing continues to be a major theme in the security community and inspires exciting and diverse academic research. In addition commercial offerings by security vendors are by now operational, suggesting that we are reaching a stage where automated sharing is becoming more common. The public policy community is debating, sometimes vigorously, the privacy, civil liberties and liability issues involved. This year’s workshop, the third in its series, aims to be at the forefront of these developments as the premier forum for the presentation of research results and practical case studies in collaborative security, privacy and confidentiality, as well as legal and policy issues.

The Call for Papers attracted submissions from Africa, Asia, Europe, and the United States and Canada. The program committee reviewed 24 submissions of which 8 were accepted as full papers and 1 as short papers. They cover a variety of topics including models for information sharing intelligence, tools for information sharing, real-world studies and many others. The program opens with the keynote ‘Back to the Roots: Information Sharing Economics and What We Can Learn for Security’ by Rainer Böhme, Professor at the University of Innsbruck (Austria) that will surely stimulate interesting discussions. Rainer is a leading scientist in the economics of security recognized not only in Europe, but world-wide. For his work published in WISCS’15 he and his co-author Stefan Laube received the Lloyd’s Science of Risk Prize 2015.

We would like to thank Freddy Dezeure (CERT-EU), Richard Struse (DHS) and Moti Yung (Snapchat and Columbia University) for their work on the steering committee. We would particularly like to thank the steering committee chair Tomas Sander (Hewlett Packard Enterprise) for his advice that was invaluable for realizing this workshop. We’d like to thank the authors for providing the workshop’s program. We are grateful to the program committee which did an excellent job in selecting a high-quality and diverse program and provided detailed feedback to the authors. Stefan Katzenbeisser (TU Darmstadt and CASED) and Edgar Weippl (SBA Research) are the General Chairs for CCS and WISCS and have been tremendously helpful in making it all work. Mathias Payer (Purdue University) and Stefan Mangard (IAIK TU Graz) are the CCS Workshop Co-Chairs. We’d like to thank them for their support and guidance. Finally, we’d like to thank ACM SIGSAC for sponsoring this workshop and Hewlett Packard Enterprise for providing some financial support.

We hope that you will find this program intriguing, timely and stimulating and that the workshop will provide you with a valuable opportunity to share ideas with other researchers and practitioners from institutions around the world.

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