

IWSPA 2017 Chairs' Welcome

It is our great pleasure to welcome you to the *2017 ACM International Workshop on Security and Privacy Analytics – IWSPA '17*. This year's workshop is the third in the series and continues the tradition of being the premier forum for presentation of research results and experience reports on leading edge issues and applications of data analytics (by which we mean techniques drawn from data mining, machine learning, statistics and natural language processing) to security challenges. Use of data analytics also has implications on privacy. Because of these reasons, the first two international workshops on security and privacy analytics were organized in 2015 and 2016. The mission of IWSPA is to create a forum for interaction between data analytics and security/privacy experts and to examine the questions raised in the previous workshops.

The call for papers attracted 14 submissions from Asia, Europe, and North America. Each paper was assigned to at least three program committee members for review, a total of 47 reviews were obtained with no paper having fewer than three reviews. The quality of the submissions was very high this year. Consequently, four papers were accepted for presentation as full papers (9 page limit) and five were accepted as short papers (6 page limit).

We also encourage attendees to attend the two keynotes. These insightful talks should provide rich food for thought for your own investigations and help in shaping the future of security and privacy analytics.

- *Exploring August Detection via Forensic Information*, Patrick McDaniel (who is currently at Pennsylvania State University)
- *Continuous Authentication Using Behavioral Biometrics*, Shambhu Upadhyaya (who is currently at State University of New York, Buffalo)

For the first time, IWSPA includes an invited paper, *Feature Cultivation in Privileged Information-augmented Detection*, by Berkay Celik, Patrick McDaniel and Rauf Izmailov. We also encourage the attendees to view the educational materials on Security and Privacy Analytics at the web site: <http://capex.cs.uh.edu> so that discussions on education can be combined with the research on Security and Privacy Analytics at the workshop.

Putting together IWSPA'17 was, of course, a team effort. We first thank the authors and the keynote speakers for providing the content of the program. We are grateful to the program committee and the additional reviewers, who worked very hard in reviewing papers in a timely fashion and in providing useful feedback for authors. We would also like to thank the organizing committee and University of Houston computer science student, Avisha Das, who helped with the workshop organization in many ways. Finally, we thank the hosting organization, the chairs of ACM CODASPY 2017: Gail-Joon Ahn, Gabriel Ghinita, Alexander Pretschner, Ram Krishnan and Adam Lee, the National Science Foundation, ACM SIGs, and the University of Houston.

We hope that you will find this program interesting and thought-provoking 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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