

Preface

WISA 2013, the 14th International Workshop on Information Security Applications, was held during August 19–21 in the Ocean Suites Jeju Hotel, Jeju Island, Republic of Korea. The conference was hosted by the Korea Institute of Information Security and Cryptology (KIISC) and sponsored by the Ministry of Science, ICT and Future Planning (MSIP). It was also co-sponsored by the National Security Research Institute (NSRI), the Korea Internet Security Agency (KISA), and the Security Global Alliance (SGA).

We received 39 valid submissions from 16 countries, of which 15 were accepted for the full-paper track and two for the short abstract track. These proceedings contain the revised versions of the 15 full papers and two short papers. Every paper received at least three independent reviews. For the Best Paper Award, the Program Committee (PC) selected “Dynamic Surveillance: A Case Study with Enron Email Data Set” by Heesung Do, Byung Choi, and Heejo Lee. Moreover, “Bifocals: Analyzing WebView Vulnerabilities in Android Applications” by Erika Chin, and David Wagner received the Best White Hat Award. The Best SoK Paper Award was given to “SoK: Lessons Learned From SSL/TLS Attack” by Christopher Meyer, and Jorg Schwenk.

There were five invited talks, Kyoungsoo Park delivered “Building High-Performance Networked Security Systems on Low-Cost Commodity Hardware,” and Wenyan Xu spoke on “Tire Pressure Sensor vs. Utility Meters: From Good Intention to Vulnerabilities” on August 19. In addition, Seungwon Shin presented “Redesigning Network Security Applications with Software Defined Networking,” and Jeonghyun Yi delivered “Deobfuscating Dexguard-Bytecode Obfuscator on Android” on August 20. Moreover, on August 21, Brent Kang spoke on “HW-Assisted Kernel Security Monitoring.” We also had one keynote speech: Adrian Perrig delivered “Accountable Key Infrastructure (AKI): A Proposal for a Public-Key Validation Infrastructure.” Excellent invited speeches along with a keynote speech as well as 17 regular and short paper presentations made a lot of participants stay until the last minute of the workshop. We thank all for their participation.

We would like to thank the authors of all submissions, regardless of whether their papers were accepted or not. Their work made this conference possible. We are extremely grateful to the PC members for their enormous investment of time and effort in the difficult and delicate process of review and selection. We would like to thank Jin Kwak, who was the organizing chair in charge of the local organization and finances. Special thanks go to Sungjae Hwang for providing and setting up the review software. We are most grateful to Donghoon Lee and Moti Yung, the WISA 2012 program chairs, for their timely information and replies to the host of questions we posed during the process.

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