

## Preface

The 15th International Workshop on Information Security Applications (WISA 2014) was held at Ocean Suites Jeju Hotel, Jeju Island, Korea, during August 25–27, 2014. The workshop was hosted by Korea Institute of Information Security and Cryptology (KIISC) and sponsored by the Ministry of Science, ICT and Future Planning (MSIP). Also it was co-sponsored by Korea Internet and Security Agency (KISA), Electronics and Telecommunications Research Institute (ETRI), National Security Research Institute (NSRI), AhnLab, Korea Information Certificate Authority (KICA), REDBC, and UNET systems. The excellent arrangement was led by the WISA 2014 General Chair, Prof. Heekuck Oh and Organizing Chair, Prof. Jin Kwak.

This year WISA 2014 provided an open forum for exchanging and sharing of ongoing hot issues and results of research, development, and applications on information security areas. The Program Committee prepared a meaningful program including keynote speech from Prof. Gail-Joon Ahn of Arizona State University, USA, and an invited talk from Mr. Patrick Youn of Symantec, Korea. The workshop had roughly six tracks such as System Security (Track 1), Network Security (Track 2), Hardware Security (Track 3), Applied Cryptography including Cryptography (Track 4), Vulnerability Analysis (Track 5), and Critical Infrastructure Security and Policy (Track 6). We received 69 paper submissions from 10 countries, covering all areas of information security, more precisely, 20 submissions for Track 1, 15 submissions for Track 2, 6 submissions for Track 3, 16 submissions for Track 4, 4 submissions for Track 5, 8 submissions for Track 6. We would like to thank all authors who submitted papers. Each paper was reviewed by at least three reviewers. External reviewers as well as Program Committee members contributed to the reviewing process from their particular areas of expertise. The reviewing and active discussions were provided by a web-based system, EDAS. Through the system, we could check the amount of similarity between the submitted papers and the already published papers to prevent plagiarism and self-plagiarism.

Following the severe reviewing processes, 31 outstanding papers from 8 countries were accepted for publication in this volume of Information Security Applications. More precisely, they were 6 papers for Track 1, 5 papers for Track 2, 5 papers for Track 3, 6 papers for Track 4, 4 papers for Track 5, and 5 papers for Track 6.

Many people contributed to the success of WISA 2014. We would like to express our deepest appreciation to each of the WISA Organizing and Program Committee members as well as paper contributors. Without their dedication and professionalism, WISA 2014 could not be made.

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