

Preface

The 12th International Workshop on Security (IWSEC 2017) was held at the International Conference Center Hiroshima, in Hiroshima, Japan, during August 30 – September 1, 2017. The workshop was co-organized by the Technical Committee on Information Security in Engineering Sciences Society of the Institute of Electronics, Information and Communication Engineers and the Special Interest Group on Computer Security of Information Processing Society of Japan.

This year, the workshop received 37 submissions. Finally, 11 papers were accepted as regular papers, and three papers were accepted as short papers. Each submission was anonymously reviewed by at least three reviewers, and these proceedings contain the revised versions of the accepted papers. In addition to the presentations of the papers, the workshop also featured a poster session. The keynote speeches were given by Khaled El Emam and by Kazue Sako.

The best paper award was given to “On Quantum Related-Key Attacks on Iterated Even-Mansour Ciphers” by Akinori Hosoyamada and Kazumaro Aoki, and the best student paper award was given to “Not All Browsers Are Created Equal: Comparing Web Browser Fingerprintability” by Nasser Mohammed Al-Fannah and Wanpeng Li.

A number of people contributed to the success of IWSEC 2017. We would like to thank the authors for submitting their papers to the workshop. The selection of the papers was a challenging and dedicated task, and we are deeply grateful to the members of the Program Committee and the external reviewers for their in-depth reviews and detailed discussions.

Last but not least, we would like to thank the general co-chairs, Kazuto Ogawa and Masayuki Terada, for leading the local Organizing Committee, and we would also like to thank the members of the local Organizing Committee for their efforts to ensure the smooth running of the workshop.

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