

# Preface

On behalf of the Program Committee, it is our pleasure to present the proceedings of the 14th International Conference on Detection of Intrusions and Malware and Vulnerability Assessment (DIMVA), which took place in Bonn, Germany, during July 6–7, 2017. Since 2004, DIMVA has been bringing together leading researchers and practitioners from academia, industry, and government to present and discuss novel security research in the broader areas of intrusion detection, malware analysis, and vulnerability assessment. DIMVA is organized by the Special Interest Group – Security, Intrusion Detection, and Response (SIDAR) – of the German Informatics Society (GI).

This year, DIMVA received 67 valid submissions from academic and industrial organizations from 25 different countries. Each submission was carefully reviewed by at least three Program Committee members or external experts. The submissions were evaluated on the basis of scientific novelty, importance to the field, and technical quality. The final selection of papers was decided during a day-long Program Committee meeting that took place at Stony Brook University, USA, on April 7, 2017. In all, 18 full papers were selected for presentation at the conference and publication in the proceedings, resulting in an acceptance rate of 26.9%. The accepted papers present novel ideas, techniques, and applications in important areas of computer security, including enclaves and isolation, malware analysis, cyber-physical systems, detection and protection, code analysis, and Web security. Beyond the research papers, the conference program also included two insightful keynote talks by Thomas Dullien (Google) and Prof. Christopher Kruegel (University of California at Santa Barbara).

A successful conference is the result of the joint effort of many people. We would like to express our appreciation to the Program Committee members and external reviewers for the time spent reviewing papers, participating in the online discussion, attending the Program Committee meeting in Stony Brook, and shepherding some of the papers to ensure the highest quality possible. We also deeply thank the members of the Organizing Committee for their hard work in making DIMVA 2017 such a successful event, and our invited speakers for their willingness to participate in the conference. We are wholeheartedly thankful to our sponsors ERNW, genua, Google, Huawei, Rohde & Schwarz Cybersecurity, Springer, and VMRay for generously supporting DIMVA 2017. We also thank Springer for publishing these proceedings as part of their LNCS series, and the DIMVA Steering Committee for their continuous support and assistance.

Finally, DIMVA 2017 would not have been possible without the authors who submitted their work and presented their contributions as well as the attendees who came to the conference. We would like to thank them all, and we look forward to their future contributions to DIMVA.

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