

Preface

It is my pleasure, on behalf of the Program Committee, to present the proceedings of the 12th International Conference on Detection of Intrusions and Malware and Vulnerability Assessment (DIMVA 2015). The conference was hosted by Politecnico di Milano, Italy, during July 9–10, 2015. DIMVA is an international conference advancing the state of the art in intrusion detection, malware detection, and vulnerability assessment. It brings together delegates from academic, industrial, and governmental institutions to discuss novel ideas as well as mature research results.

This year, DIMVA received 75 submissions from 23 countries. These submissions were carefully reviewed by the Program Committee, where each valid submission had at least three independent reviews. In the end 17 papers were chosen to be presented at the conference and included in the final proceedings. Several of these papers presented large-scale or long-term studies of attacks, documenting important findings that will allow the community to better understand the threats from such attacks. As was the case in previous years, results regarding system hardening, attack detection, Web security, and mobile security were also presented. Owing to the increased threats against critical infrastructures and industrial control systems, we encouraged submissions in these areas, including work that considers the cross-area obstacles (e.g., privacy, societal and legal aspects) that arise when deploying protection measures in the real world. One paper in particular described attacks and countermeasures in a special environment, the air traffic management system, while another paper considered controlled data sharing of alerts in a privacy-preserving way.

I would like to thank the Program Committee and external reviewers for their timely reviews and active discussion phase. I would like to acknowledge the work of the publication chair, Vincenzo Gulisano, for his help in organizing the program and proceedings. I am also grateful to the general chair, Federico Maggi, and to all local volunteers. Through the excellent work of Federico, my job as a PC chair was made much easier.

It is my pleasure to thank the invited speakers at the conference Vicente Diaz (Kaspersky Labs Global Research and Analysis Team) and Morgan Marquis-Boire (University of Toronto and First Look Media). I am also grateful for the support provided by Maglan Europe, HP Labs Bristol, Reply Communication Valley, Kaspersky Lab, Trend Micro, Micron Foundation, the FACE Project, the CINI Cyber Security National Lab, and the Tech and Law Center. We appreciate their help and financial support to the security community.

Having a successful and interesting conference depends on the contributions of the authors and the visiting delegates to DIMVA. I hope you enjoyed this year's conference and I look forward to your next contribution to DIMVA.

Detection of Intrusions and Malware, and Vulnerability
Assessment

12th International Conference, DIMVA 2015, Milan, Italy,
July 9-10, 2015, Proceedings

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2015, XII, 351 p. 98 illus., Softcover

ISBN: 978-3-319-20549-6