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Digital Forensics and Cyber Crime

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Preface

We are delighted to introduce the proceedings of the 10th edition of the 2018 European Alliance for Innovation (EAI) International Conference on Digital Forensics and Cyber Crime (ICDF2C). This conference continues to bridge the gap in the domain, and is truly international and quite visible worldwide. More importantly, this event bridges the gap between industry and researchers.

This year's keynotes are also to be proud of. Our first keynote speaker was Deborah Frincke, the director of research at the National Security Agency (NSA), followed by a pioneer in memory forensics, Golden Richard III from Louisiana State University.

The program was strong and extremely relevant for 2018. One important highlight of the program was a hands-on workshop by Riscure on extracting secrets from encrypted devices using side channel attacks, reverse engineering, fault injection, and the exploitation of weaknesses in secure firmware. Furthermore, the forensic analysis of cryptocurrencies was also a hot topic covered at this event. These topics are becoming ever so important in digital forensics as practitioners are dealing with more devices and applications that are encrypted. The rest of the program covered areas that are of high importance as well; carving and data hiding, Android security and forensics, memory forensic, industry presentations, forensic readiness, hard drive data distribution, and artifact correlation.

Overall, we accepted papers from the following countries and states: Germany, USA (Connecticut, Texas, California, Virginia, Ohio), South Africa, Estonia, Spain, China, and Ireland. The conference further boasted participants from a larger number of countries. The TPC committee accepted only 11 quality double-blind peer-reviewed papers (three were accepted after shepherding), out of 33 submissions (33% acceptance rate), and one short paper. Each paper had an average of four reviews, and best paper awards were selected after review by individuals with no conflict of interest in the selection process.

The conference is now positioned to grow, and we anticipate that next year we will be expanding the event to include topics that go beyond digital forensics.

We are very proud of this year's event, and we hope to continue the success of ICDF2C in the future. We would like to thank everyone who made this conference successful this year, and we look forward to seeing participants at next year's event.

November 2018

Ibrahim Baggili
Frank Breitinger

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