

Preface

The 15th International Workshop on Digital-Forensics and Watermarking 2016 (IWDW2016), hosted by the State Key Laboratory of Information Security, Institute of Information Engineering, Chinese Academy of Sciences, was held at Beijing Fragrant Hill Hotel, Beijing, China, during September 16–19, 2016. IWDW 2016, following the tradition of IWDW, aimed at providing a technical program covering state-of-the-art theoretical and practical developments in the field of digital watermarking, steganography and steganalysis, forensics and anteforensics, visual cryptography, and other multimedia-related security issues. Among 70 submissions from 10 different countries and areas in the world, the Technical Program Committee selected 45 papers (35 oral and 10 poster presentations) for presentation and publication, including one paper for the best student paper award, and one for the best paper award. Besides these paper presentations, the workshop featured four invited lectures: “Digital Forensics for Network Information Credibility Evaluation” presented by Professor Tieniu Tan, Vice President of the Chinese Academy of Sciences, “Future Directions of Reversible Data Hiding” presented by Professor Hyoung Joong Kim, “The Good, the Bad and the Public: Sensor-Based Device Identification Beyond Media Forensics” presented by Assistant Professor Matthias Kirchner, and “Multimedia Forensics: Source Inference from Uncertainty and Enormity” presented by Professor Chang-Tsun Li. Furthermore, there was a 1.5-hour panel discussion and rump session among all the participants; and eight industrial exhibitions demonstrated the achievements and applications of the field.

We would like to thank all of the authors, reviewers, lecturers, and participants for their valuable contributions to IWDW2016. Our sincere gratitude also goes to all the members of Technical Program Committee, International Publicity Liaisons, and our local volunteers for their careful work and great efforts made in the wonderful organization of this workshop. We appreciate the generous support from the Institute of Information Engineering, Chinese Academy of Sciences. Finally, we hope that the readers will enjoy this volume and that it will provide inspiration and opportunities for future research.

October 2016

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Digital Forensics and Watermarking

15th International Workshop, IWDW 2016, Beijing,
China, September 17-19, 2016, Revised Selected
Papers

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2017, XIV, 618 p. 269 illus., Softcover

ISBN: 978-3-319-53464-0