

## Preface

It is an honor and great pleasure to write a preface for this postproceedings of the 6th International Workshop on Information Hiding. In the past 10 years, the field of data hiding has been maturing and expanding, gradually establishing its place as an active interdisciplinary research area uniquely combining information theory, cryptology, and signal processing.

This year, the workshop was followed by the Privacy Enhancing Technologies workshop (PET) hosted at the same location. Delegates viewed this connection as fruitful as it gave both communities a convenient opportunity to interact.

We would like to thank all authors who submitted their work for consideration. Out of the 70 submissions received by the program committee, 25 papers were accepted for publication based on their novelty, originality, and scientific merit. We strived to achieve a balanced exposition of papers that would represent many different aspects of information hiding. All papers were divided into eight sessions: digital media watermarking, steganalysis, digital forensics, steganography, software watermarking, security and privacy, anonymity, and data hiding in unusual content. This year, the workshop included a one-hour rump session that offered an opportunity to the delegates to share their work in progress and other brief but interesting contributions.

The program committee consisted of Ross J. Anderson (University of Cambridge, UK), Jan Camenisch (IBM Zurich Research Laboratory, Switzerland), Christian Collberg (University of Arizona, USA), Ingemar J. Cox (University College London, UK), John McHugh (SEI/CERT, USA), Ira S. Moskowitz (Naval Research Laboratory, USA), Job Oostveen (Philips Research, Netherlands), Richard C. Owens (University of Toronto), Fabien A.P. Petitcolas (Microsoft Research, UK), Andreas Pfitzmann (Dresden University of Technology, Germany), Mike Reiter (Carnegie Mellon University, USA), and Jessica Fridrich (SUNY Binghamton, USA).

The following external reviewers participated in the review process: Richard Clayton (University of Cambridge, UK), Farid Ahmed (The Catholic University of America, USA), Dogan Kesdogan (Aachen University of Technology, Germany), Hany Farid (Dartmouth College, USA), Deepa Kundur (Texas A&M University, USA), Slava Voloshinovsky (CUI, University of Geneva, Switzerland), Fernando Perez-Gonzales (University of Vigo, Spain), Nasir Memon (Polytechnic University, USA), Scott Craver (Princeton University, USA), Li Wu Chang (Naval Research Laboratory, USA), Lisa Marvel (University of Delaware, USA), Frederic Deguillaume (CUI, University of Geneva, Switzerland), Andrei Serjantov (University of Cambridge, UK), Rainer Böhme (Dresden University of Technology, Germany), Andreas Westfeld (Dresden University of Technology, Germany), George Danezis (University of Cambridge, UK), Sandra Steinbrecher (Dresden University of Technology, Germany), Phil Sallee (Booz Allen Hamilton, USA), Richard E. Newman (University of Florida, USA), Paul Syverson (Naval Research Laboratory, USA), John McDermott (Naval Research Laboratory, USA), Dagmar Schönfeld (Dresden

University of Technology, Germany), Tim McChesney (Naval Research Laboratory, USA), Karen Spärck Jones (University of Cambridge, UK), Sebastian Clauß (Dresden University of Technology, Germany), Sorina Dumitrescu (McMaster University, Canada), Elke Franz (Dresden University of Technology, Germany), Edward Carter (University of Arizona, USA), Andrew Huntwork (University of Arizona, USA), Saumya Debray (University of Arizona, USA), Kelly Heffner (University of Arizona, USA), Ginger Myles (University of Arizona, USA), Clark Thomborson (University of Auckland, New Zealand), Jasvir Nagra (University of Auckland, New Zealand), Viktor Raskin (Purdue University, USA), Nicholas Hopper (Carnegie Mellon University, USA), Aweke Lemma (Philips Digital Systems Laboratories, The Netherlands), Gerhard Langelaar (Philips Digital Systems Laboratories, The Netherlands), Frans Willems (Technical University of Eindhoven, The Netherlands), Fons Bruekers (Philips Research, The Netherlands), Arno van Leest (Philips Research, The Netherlands), Michiel van der Veen (Philips Research, The Netherlands), and Ton Kalker (Hewlett-Packard, USA).

This year, for the first time this workshop had two program chairs, one for multimedia watermarking and steganography (myself) and the second for anonymous communication, covert channels, and privacy (Mike Reiter). I would like to thank Mike for helping me with the review process and managing the communication with authors.

The general chair Richard C. Owens and his assistant Alison Bambury did a wonderful job organizing the event. Many thanks to them for such a tasteful selection of a comfortable meeting place. The workshop was held at The Radisson located on the Ontario Waterfront. In the evening of the second day, the attendees had an opportunity to relax at a dinner cruise while admiring the Ontario city silhouette lit by fireworks for Victoria Day.

Special thanks belong to Tim Olson from Microsoft Conference Management Services. The submission of papers and reviews as well as notification of authors and reviewers was greatly simplified both for the authors and program committee members.

Finally, I would like to thank The Information and Privacy Commissioner/Ontario, The Centre for Innovation Law Policy, and Bell University Laboratories for their sponsorship of this workshop.

September 2004

Jessica Fridrich  
SUNY Binghamton  
New York, USA

Information Hiding

6th International Workshop, IH 2004, Toronto, Canada,

May 23-25, 2004, Revised Selected Papers

Fridrich, J. (Ed.)

2005, IX, 371 p., Softcover

ISBN: 978-3-540-24207-9