

# INTERNATIONAL JOURNAL OF DIGITAL CRIME AND FORENSICS

January-March 2013, Vol. 5, No. 1

## Table of Contents

### RESEARCH ARTICLES

- 1 A Review of Current Research in Network Forensic Analysis**  
*Ikuesan R. Adeyemi, Information Assurance and Security Research Group in the Department of Computer Science, Universiti Teknologi Malaysia, Johor Bahru, Johor, Malaysia*  
*Shukor Abd Razak, Information Assurance and Security Research Group in the Department of Computer Science, Universiti Teknologi Malaysia, Johor Bahru, Johor, Malaysia*  
*Nor Amira Nor Azhan, Information Assurance and Security Research Group in the Department of Computer Science, Universiti Teknologi Malaysia, Johor Bahru, Johor, Malaysia*
- 27 On the Reliability of Cryptopometry**  
*Thomas Martin, Information Security Program, Khalifa University, Abu Dhabi, UAE*  
*Laurence O'Toole, Information Security Group, Royal Holloway, University of London, London, UK*  
*Andrew Jones, Information Security Program, Khalifa University, Abu Dhabi, UAE*
- 39 Detecting Pornographic Images by Localizing Skin ROIs**  
*Sotiris Karavarsamis, Artificial Intelligence and Information Analysis Group, Department of Informatics, Aristotle University of Thessaloniki, Thessaloniki, Greece*  
*Nikos Ntarmos, School of Computing Science, University of Glasgow, Glasgow, Scotland*  
*Konstantinos Blekas, Department of Computer Science, University of Ioannina, Ioannina, Greece*  
*Ioannis Pitas, Artificial Intelligence and Information Analysis Group, Department of Informatics, Aristotle University of Thessaloniki, Thessaloniki, Greece*
- 54 Exploiting Geometrical Structure for Forensic Applications of Timing Inference Channels**  
*Bilal Shebaro, Department of Computer Science, University of New Mexico, Albuquerque, NM, USA*  
*Fernando Pérez-González, Signal Theory and Communications Department, University of Vigo, Vigo, Pontevedra, Spain*  
*Jedidiah R. Crandall, Department of Computer Science, University of New Mexico, Albuquerque, NM, USA*

### Copyright

The **International Journal of Digital Crime and Forensics (IJDCF)** (ISSN 1941-6210; eISSN 1941-6229). Copyright © 2013 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

IJDCF is currently listed or indexed in: Applied Social Sciences Index & Abstracts (ASSIA); Bacon's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); DBLP; GetCited; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; Norwegian Social Science Data Services (NSD); SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory