

International Conference in Information Security and Digital Forensics

(ISDF 2014)

**Thessaloniki, Greece
12 – 14 December 2014**

ISBN: 978-1-5108-0873-7

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2014) by Society of Digital Information and Wireless Communication (SDIWC)
All rights reserved.

Printed by Curran Associates, Inc. (2015)

For permission requests, please contact Society of Digital Information and Wireless Communication (SDIWC) at the address below.

Society of Digital Information and Wireless Communication (SDIWC)
Unit 1010, 10/F, Miramar Tower
132 Nathan Road, Tsim Sha Tsui
Kowloon, Hong Kong

Phone: +(202)-657-4603

sdiwc@sdiwc.net

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2634
Email: curran@proceedings.com
Web: www.proceedings.com

Table of Contents

Risk Analysis in Skype Software Security.....	1
Anti-forensic Tool Use and their Impact on Digital Forensic Investigations: a South African Perspective.....	7
Best Practices for Cybercrime Evidence Collection Projects.....	21
Cyber-Physical Systems: Survey.....	29
Mobile Forensics: Evidence Collection and Malicious Activity Identification in PPDR Systems.....	42
Security Correlation Analysis System for Insider Threat Detection of Industrial Control System.....	49
Using Supply Voltage Metal Layers as Low Cost Means to Hinder Several Types of Physical Attacks.....	54
Security Issues of Contemporary Multimedia Implementations: The Case of Sonos and SonosNet.....	63
Money Laundering as Specific Form of Fraud Management.....	75
Circuit Testing Method Based on Wavelets.....	81
Preparing for Malware that Uses Covert Communication Channels: The Case of Tor-based Android Malware.....	85
Extracting IDS Rules from Honeypot Data: A Decision Tree Approach.....	97
Balanced Design in Information Systems Security Planning.....	110