International Conference on Information Security and Cyber Forensics

(INFOSEC 2014)

Kuala Terengganu, Malaysia
8 – 10 October 2014

ISBN: 978-1-5108-0868-3

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

Authentication using Audio Key Phrase Integrated with Random Number Generated Keypad ……. 1

Is the Security Bubble Within the Banking Sector About to BURST? …… 11

ant-CBIR: A New Method for Radial Furrow Extraction in Iris Biometric …… 20

Development and Trial Application of a Continuity Operation Plan Support System for an Information Technology System …… 26

A Critical Analysis of the Effectiveness of Cyber Security Defenses in UAE Government Agencies …… 36

Method for Estimating Unjust Communication Causes Using Network Packets Associated with Process Information …… 44

Extension and Evaluation of Guideline Total Support System for Digital Forensics …… 50

Cyber Defamation: A Comparative Analysis of the Legal Position in Malaysia and the United Kingdom …… 62

Opening the "Private Browsing" Data - Acquiring Evidence of Browsing Activities …… 72

User Centric Trusted Log Archival Architecture in Cloud Computing Environments …… 80

A Second Look at the Information Security Awareness among Secondary School Students …… 88

Developing Cyber Forensics for SCADA Industrial Control Systems …… 98

A Study of AODV Friendship Mechanism in Mobile Adhoc Network Trust Feature.....112