

ICCGI 2018

The Thirteenth International Multi-Conference on Computing in the Global Information Technology

June 24 - 28, 2018

Venice, Italy

ICCGI 2018 Editors

Claus-Peter Rückemann, Leibniz Universität Hannover / Westfälische Wilhelms-Universität Münster / North-German Supercomputing Alliance (HLRN), Germany

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© (423:) by International Academy, Research, and Industry Association (IARIA) Please refer to the Copyright Information page.

Printed by Curran Associates, Inc. (423:)

International Academy, Research, and Industry Association (IARIA) 412 Derby Way Wilmington, DE 19810

Phone: (408) 893-6407 Fax: (408) 527-6351

petre@iaria.org

Additional copies of this publication are available from:

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

Phone: 845-758-0400 Fax: 845-758-2633

Email: curran@proceedings.com Web: www.proceedings.com

Table of Contents

| Conceptualizing and Validating Information Security Culture as a Multidimensional Second-Order Formative Construct Akhyari Nasir, Ruzaini Abdullah Arshah, and Mohd Rashid Ab Hamid | 1 |
|--|----|
| | |
| | |
| Detecting Counterfeit Bills and Their Forgery Devices Using CNN-based Deep Learning Soo-Hyeon Lee and Hae-Yeoun Lee | 16 |
| Using Online Manifold Learning for Color Image Quality Assessment Meiling He, Mei Yu, Hua Shao, Hao Jiang, and Gangyi Jiang | 21 |
| A Survey of Power-Aware Network-on-Chip Design Techniques Emmanuel Ofori-Attah and Michael Opoku Agyeman | 25 |