



EMERGING 2014

The Sixth International Conference on Emerging Network Intelligence

ISBN: 978-1-61208-357-5

August 24 - 28, 2014

Rome, Italy

EMERGING 2014 Editors

Eric Veith, Wilhelm Büchner Hochschule, Germany

Pascal Lorenz, University of Haute Alsace, France

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

Printed by Curran Associates, Inc. (2014)

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: 845-758-2634
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

EMERGING 1: EMERGING TECHNOLOGIES AND APPLICATIONS

Context Dependent Messages in Delay/Disruption/Disconnection Tolerant Networks	1
<i>Koki Taguchi, Andrii Zhygmanovskyi, Noriko Matsumoto, Norihiko Yoshida</i>	
Resilient Live-Streaming with Dynamic Reconfiguration of P2P Networks	6
<i>Kazuki Ono, Andrii Zhygmanovskyi, Noriko Matsumoto, Norihiko Yoshida</i>	
Cloud Resource Price System	12
<i>Sururah A. Bello, Claudia Luethje, Christoph Reich</i>	

EMERGING 2: APPLICATIONS AND SERVICES

An Evolutionary Training Algorithm for Artificial Neural Networks with Dynamic Offspring Spread and Implicit Gradient Information	18
<i>Ruppert Martin, Eric Veith, Bernd Steinbach</i>	
Energy Consumption Optimization through Pre-scheduled Opportunistic Offloading in Wireless Devices	22
<i>Constantinos Mavromoustakis, Andreas Andreou, George Mastorakis, Stelios Papadakis, Athina Bourdena, Dimitris Stratakis</i>	
Approach on Fraud Detection in Voice over IP Networks using Call Destination Profiling Based on an Analysis of Recent Attacks on Fritz! Box Units	29
<i>Anton Wiens, Torsten Wiens, Michael Massoth</i>	
Author Index	