# **Table of Contents**

## International Journal of e-Collaboration

Volume 12 • Issue 4 • October-December-2016 • ISSN: 1548-3673 • eISSN: 1548-3681

An official publication of the Information Resources Management Association

#### **Research Articles**

#### 1 Advantages of Nonlinear over Segmentation Analyses in Path Models

Ned Kock, Division of International Business and Technology Studies, Texas A&M International University, Laredo, TX, USA

# 7 Towards an Automated Model to Evaluate Collaboration through Non-Verbal Interaction in Collaborative Virtual Environments

Luis Casillas, University of Guadalajara, Guadalajara, Mexico Adriana Peña, University of Guadalajara, Guadalajara, Mexico Alfredo Gutierrez, University of Guadalajara, Guadalajara, Mexico

### 24 The Role of Perceived E-Collaborative Performance in an Extended Theory of Planned Behavior Model

Eddie W.L. Cheng, The Hong Kong Institute of Education, Hong Kong Samuel K.W. Chu, The University of Hong Kong, Hong Kong

# 41 Creating Virtual Communities That Work: Best Practices for Users and Developers of E-Collaboration Software

Ashley Van Ostrand, California State University, Channel Islands, Camarillo, CA, USA Spencer Wolfe, California State University, Channel Islands, Camarillo, CA, USA Antonio Arredondo, California State University, Channel Islands, Camarillo, CA, USA Andrea M. Skinner, California State University, Channel Islands, Camarillo, CA, USA Ramon Visaiz, California State University, Channel Islands, Camarillo, CA, USA Megan Jones, California State University, Channel Islands, Camarillo, CA, USA J. Jacob Jenkins, California State University, Channel Islands, Camarillo, CA, USA

### **COPYRIGHT**

The International Journal of e-Collaboration (IJeC) (ISSN 1548-3673; eISSN 1548-3681), Copyright © 2016 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.

The International Journal of e-Collaboration is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Burrelle's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); CSA Illumina; DBLP; DEST Register of Refereed Journals; Gale Directory of Publications & Broadcast Media; GetCited; Google Scholar; INSPEC; JournalTOCs; KnowledgeBoard; Library & Information Science Abstracts (LISA); MediaFinder; Norwegian Social Science Data Services (NSD); Proquest-ABI/Inform; PsycINFO®; SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory