

# Proceedings of the 2018 Informing Science + IT Education Conferences (I<sup>n</sup>SITE)

## Table of Contents

Flipping Business Computing Class: An Integration of Design Thinking and Blended Implementation in the Vietnamese Educational Culture <b>Ashish K Das, Quynh T Nguyen, An T Nguyen, Susan Thomas</b> .....	1-11
Introducing DigLit Score: An Indicator of Digital Literacy Advancement in Higher Education <b>Jorge Pérez, Meg Murray</b> .....	13-20
The Support of Human Factors for Encompassing Business Intelligence <b>Rimvydas Skyrius, Svetlana Skyrius Nemitko</b> .....	21-34
How Content Volume on Landing Pages Influences Consumer Behavior: Empirical Evidence <b>Ruti Gafni, Nim Dvir</b> .....	35-53
Women in Endurance Sports: Linking Competitive and Professional Work Lives <b>N Bruce Walton</b> .....	55-64
Interactive 3D Representation of Business Case Studies in the Classroom <b>Andrew Zaliwski, Karishma Kelsey</b> .....	65-78
The Persistence of Anxiety Experienced by New Generation in Online Learning <b>Dennis Kira, Fassil Nebebe, Raafat George Saadé</b> .....	79-88
Exploring the Features of Social Media to Promote Research Activities <b>Helen U. Emasealu, Susan N. Umeozor</b> .....	89-101
Capturing Bio-Sensing Solutions: Biomonapp's Story about the Seasons of Change across a Global Sustainable Landscape - Monitoring for Sustainable Bioremediation in Rural & Urban Farms, Soil, Agronomy, & Aquaculture <b>Christine M. Cunningham</b> .....	103-126
Managing Volunteer Retention Through Socialisation – A Study of Volunteers in an Australian Emergency Service Agency [Abstract] <b>Michael Jones, Yoke Berry, Irit Alony</b> .....	127-128
Performance Measures for the 21st Century [Abstract] <b>Nitza Geri</b> .....	129-130
Mobile Devices and Parenting [Extended Abstract] <b>Mina Richards</b> .....	131-135
Personality Traits and Hedonic, Sociability, and Compulsive Use of Facebook: A Study of College Students [Abstract] <b>Yingxia Cao, Haya Ajjan, Richard Hartshorne</b> .....	137-139
Personality and Online Shopping Outcomes: A Study of Young Adult Chinese Consumers [Abstract] <b>Yingxia Cao</b> .....	141-144
Investigation of Factors for Adopting Mobile Commerce in Developing Country [Abstract] <b>Anil Gurung</b> .....	145

Book Review of “Technology vs. Ecology” by Robert A. Schultz [Abstract]	
<b>Robert A. Schultz</b> .....	147-148

***The revised versions of the following Proceedings papers were fast-tracked to other Informing Science journals***

Impact of Mathematics on the Theoretical Computer Science Course Units in the General Degree Program in Computer Science at Sri Lankan State Universities	
<b>Thambithurai Sritharan</b> .....	901
Virtual Pathology Learning Resource: A Promising Strategy in Teaching Pathology to Allied Health Science Students	
<b>Jyothi Thalluri, Joy Penman</b> .....	902
Changing Paradigms of Technical Skills for Data Engineers	
<b>Robert T. Mason</b> .....	903
Predicting Suitable Areas for Growing Cassava Using Remote Sensing and Machine Learning Techniques: A Study in Nakhon-Phanom Thailand	
<b>J. Kimani Mbugua, Watanyoo Suksa-ngiam</b> .....	904
Medical Image Security using Quantum Cryptography	
<b>Olufunso Dayo Alowolodu, Gabriel Kayode Adelaja, Boniface Kayode Alese, Olufunke Catherine Olayemi</b> .....	905
Increasing Intrinsic Motivation of Programming Students: Towards Fix and Play Educational Games	
<b>Selvarajah Mohanarajah</b> .....	906
Place Determinants for the Personalization-Privacy Tradeoff among Students	
<b>Maor Weinberger, Dan Bouhnik</b> .....	907
The Role of Informing Systems in Securing Sanity and Wisdom of the Globalizing Society in the Context of Civilization Sustainability in the 21st Century: The Case of Poland	
<b>Henryk Krawczyk, Andrew Targowski</b> .....	908
Decision Support Information System for Urban Lighting	
<b>Michael Dreyfuss, Yahel Giat</b> .....	909
From Ignorance Map to Informing PKM4E Framework: Personal Knowledge Management for Empowerment	
<b>Ulrich Schmitt</b> .....	910
Changes in Public Institutions as a Function of Technology and Its Impact on Society	
<b>Josueth Meza</b> .....	911
Authentic Assessment Design in Accounting Courses: A Literature Review	
<b>Clara Nkhoma, Mathews Nkhoma, Long Ky Tu</b> .....	912
A Data Science Enhanced Framework for Applied and Computational Math	
<b>Kirby McMaster, Samuel Sambasivam, Brian Rague, Stuart Wolthuis</b> .....	913
How to Design Accounting Video Lectures to Recover Lost Time	
<b>Thando Loliwe</b> .....	914
Analytical Investigation of the Characteristics of the Dropout Students in Higher Education	
<b>Yehia Mortagy, Seta Boghikian-Whitby, Ibrahim Helou</b> .....	915

Addressing Information Literacy and the Digital Divide in Higher Education <b>Nicole Buzzetto-Hollywood, Hwei Wang, Magdi Elobeid, Muna Elobaid</b> .....	916
An Examination of Gen Z Learners Attending a Minority University <b>Nicole Buzzetto-Hollywood, Ayodele Alade</b> .....	917
South Africa’s Quest for Smart Cities: Privacy Concerns of Digital Natives of Cape Town, South Africa <b>Valerie Tshiani, Maureen Tanner</b> .....	918
Multilevel Authentication System for Stemming Crime in Online Banking <b>Boniface Kayode Alese, Aderonke F Thompson, Olofunso D. Alwolodu, Blessing Oladele</b> .....	919
The Ways of Prosumers’ Knowledge Sharing with Organizations <b>Ewa Ziemba, Monika Eisenhardt</b> .....	920
Informing on a Rugged Landscape: How Complexity Drives our Preferred Information Sources <b>T. Grandon Gill, Matthew Mullarkey, Ronald K Satterfield</b> .....	921
Teacher Presence and Social Presence in Virtual and Blended Courses <b>Gila Cohen Zilka, Revital Cohen, Ilan Daniels Rahimi</b> .....	922
Identifying Barriers to Integration of Technology into Traditional Approach of Teaching: A Case Study of Mathematics Teachers in Former Transkei in the Eastern Cape <b>Agyei Fosu</b> .....	923

### ***Review Process***

Unless otherwise noted, all papers were reviewed blindly (that is, with author and affiliation information removed) by between 6 and 10 external reviewers. The reviewers did not know the identity of the authors nor the authors the identity of the reviewers. Reviewers were matched to papers using a formula to minimize the psychological distance between reviewers’ stated expertise and interest and the topics covered in the paper. In cases where this formula did not provide at least 6 reviewers, reviewers were randomly assigned to papers. No reviewer was required to review more than 3 papers.

Reviewers were instructed to mentor the authors by providing feedback on how to improve the submission. They were further required to recommend whether or not the paper should be accepted using a six-point scale (from “reject” to “must accept”).

The authors of all papers, whether accepted or not, were provided with the reviewers’ feedback as part of our process of mentoring authors. Authors of accepted papers were required to revise their submissions in light of the issues raised in the reviews.

We believe that the papers in these proceedings represent a great contribution to science.