Pacific Asia Conference on Information Systems (PACIS 2020)

Dubai, United Arab Emirates
20 - 24 June 2020

Volume 1 of 4

ISBN: 978-1-7138-7722-6

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© (2020) by Association for Information Systems (AIS)
All rights reserved.

Printed with permission by Curran Associates, Inc. (2023)

For permission requests, please contact Association for Information Systems (AIS)
at the address below.

Association for Information Systems (AIS)
Member Service Center
P.O. Box 2712
Atlanta, GA 30301-2712
USA

Phone: +1-404-413-7445

membership@aisnet.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

VOLUME 1

A Coherent Two-Phased Perspective of Online Group Buying 1
Yingxin Song, Xiayu Chen, Carol Ou, Yezheng Liu

A Context-Extension Study of Social Overload on Instagram 9
Margarita Gladkaya, Fenne Grosse Deters

A Framework for Identifying Cultural Influences on Requirements Engineering Activities 23
Tawfeeq Alsanoosy, Maria Spichova, James Harland

A Framework for Selection of Processes to Virtualize in e-Government: A Case Study of Liberia 37
Ransford Mensah, Aileen Cater-Steel, Mark Toleman

A Laddering Approach to Explore the Motivations of Taking Computer Advice for Supply Networks Formation 51
Sonia Cisneros-Cabrera, Nikolay Mehandjiev, Alexander Felfernig, Pedro Sampaio, Sophia Kununka

A Literature Review on Social Media Marketing: Social, Behavioral and Market-Related Influences 65
Wenjin Zhao, Xu Yun

A Material Discursive Perspective of Social Exclusion in a Strategic is Change 79
Rennie Naidoo, Portia Maluleke

A Participatory Action Research Design to Promote Knowledge Sharing Behaviours on MOOC Forums 93
Yingnan Shi, Xinghao Li, Chaojun Li, Andrew Reeson, Armin Haller

A Public Opinion Index for Chinese Real Estate Market Monitoring Based on Context Related Sentiment Scoring 107
Peng Xu, Wei Shang

A Qualitative Study of the Strategic Alignment Perspective of Public-Sector Organisations in Saudi Arabia in the Digital Age 121
Aziz Ghazi, Tingru Cui, Jun Shen, Samuel Fosso, Mengxiang Li

A Review of AI Principles in Practice 135
Koen Smit, Martijn Zoet, John Van Meerten

A Review on Digital Healthcare Ecosystem Structure: Identifying Elements and Characteristics 149
Anne-Katrin Witte

A Simulation Framework to Evaluate Time Savings in Operating Rooms 163
Lucas Mertens, Erik Christian Müller, Nina Schwarm, Friedrich Jaime Vogt, Lena Wolbeck, Daniel Santos, Inês Marques

A Taxonomy for Data-Driven Services in Manufacturing Industries 177
Can Azkan, Lennart Iggena, Inan Gür, Frederik Möller, Boris Otto

A Vulnerability Prediction and Risk Assessment Process for the Open Source Xen Hypervisor 191
Abid Shahzad, Alan T. Litchfield

Adoption of Non-Certifiable Green Data Center Standards: Role of Knowledge and Organizational Factors 205
Parastoo Amin, Alem Molla, Arthur Adamopoulos

An Activity Theory Investigation of Academic Abstract Sentence Classification 219
Connor Stead, Stephen Smith, Peter Busch, Savanid Vatanasakdakul, Vincent Pang

An Analysis of Business Model Component Interrelations 227
Norman Schaffer, Clemens Drieschner, Helmut Krcmar

An Exploratory Study into the Role of Multisided Platforms in Developing the Marketing Capabilities of SMEs 241
Ahmad Asadullah, Isam Faik, Atreyi Kankanhalli

An Investigation on Stickiness Intention in Sharing Economy Driven Hospitality Platforms 249
Shan Chen, Xusen Cheng, Bo Yang

Analysis of Farm Management Information Systems: Opportunities and Pathways for Future Value 257
Saliya Nugawela, Darshana Sedera

Analysis of Topics, Theories, and Methods of Information Systems Research in the Past Two Decades: A Knowledge Graph Approach 271
Weiwei Deng, Xiaoming Huang, Hui Yuan, Jian Ma, Gang Wang

Antecedents of Developers' Commitment in Cryptocurrency Projects 285
Shehu Sarkintudu, Huda Ibrahim, Alawiyah Abd Wahab

Antecedents of User's Intention to Share Big Data the Influence of User Type1 293
Kang Xie, Yangsong Hu, Jinghua Xiao

Application Developer's Innovation Performance on Mobile Platforms – Investigating the Effect of Module Reuse 301
Jingmei Zhou

Are Negative Sentiments "Negative" for Review Helpfulness? 309
Cheng Zhao

Artificial Intelligence Or Augmented Intelligence: A Case Study of Human-AI Collaboration in Operational Decision Making 323
Bojue Xu, Xiaofei Song, Zhao Cai, Alain Yee-Loong Chong, Eric Lim, Chee-Wee Tan, Jie Yu

Assessing the Capability of Knowledge Integration in Virtual Smart Grid Projects 337
Julia Petra Köhlke

Assessing the Information Security Awareness of University Students 345
Andreas Erwin Schütz, Kristin Weber, Tobias Fertig

At the Nexus of Business Models and Business Processes: A Systematic Literature Review 359
Benedikt Betzwieser, Borys Levkovskyi, Helmut Krcmar

Augmenting Automated Kinship Verification with Targeted Human Input 373
Danula Hettiachchi, Niels Van Berkel, Simo Hosio, Miguel Bordallo López, Vassilis Kostakos, Jorge Goncalves

B2C E-Business Use in a Country: The Roles of E-Government Maturity, Corruption, and Virtual Social Networks Diffusion 387
Jithesh Arayankalam, Satish Krishnan

Beauty is Value? the Impact of Image Presentation on Hospital Financial Performance in a Cosmetic Context 401
Hui Yuan, Min Zhang, Wei Xu

Being Sagacious Towards Proliferated Post-Purchase Sharing: A Novel Disclosure Pattern-Wise Helpful Online Reviews Extraction Method 409
Shuaiyong Xiao, Gang Chen, Chenghong Zhang, Huang Lihua

Benefiting from Resellers: The Impact of the Online Secondary Sneaker Market on the Sneaker Brand's Profit and Consumer Surplus 417
Samuel Junwoo Hyun, Byungwan Koh

Better Understanding Emotions in Texts: A Cognitive Hybrid Deep Learning Approach 426
Chang Liu, Keehyung Kim

Betting on the Horse, the Jockey Or the Tips? Evidence from Blockchain-Based Fundraising Via Initial Coin Offerings 434
Wenjie Fan, Yanqing Lin, Wei Fan

Blockchain and the United Nations Sustainable Development Goals: Towards an Agenda for is Research 442
Rony Medaglia, Jan Damsgaard

Bounded Kindness in Non-Profit Online Lending: A Social Identity Theory Perspective 453
Yingli Gong, Hongwei Wang, Yuxin Huang

Can Helpful Reviews Help Answer Product Questions? 467
Tony Danhui Huang, Xiuzhen Zhang, Yongli Ren, Min Peng

Can Nudges Solve the Problem of High Dropout Rates in Professional MOOCs? 481
Wisam Zaqoot, Lih-Bin Oh

Centrality Or De-Centrality? Hidden Influences for Sustaining Online Communities 489
Joyce Yi-Hui Lee, Jhong-Heng Wang, Niki Panteli

Challenges in the Emergence of Data Ecosystems 503
Joshua Gelhaar, Boris Otto

Changing Patterns in the Process of Digital Transformation Initiative in Established Firms: The Case of an Energy Sector Company 517
Duong Dang, Tero Vartiainen

Collaborating with White Hat Hackers: A Study of Vulnerability Crowdsourcing Program from Control Perspective 531
Ling Zhao, Yuni Li

Comparative Study on Service Framework System of Trusted Third Parties in E-Commerce Environments in China and Australia 539
Cong Cao, Jun Yan, Mengxiang Li

Compulsive Social Networking Site Use: Impact of Individual Needs and Peer-Related Factors 553
Xuhui Yang, Wei Wang, Renee Rui Chen

Connecting Human Potentials and Opportunities Through Technology: A Digital Integration Use Case 567
Safa'A Abujarour, Mohammed Abujarour

Consumer Attitudes Towards Firms that Monetize Personal Information: A Cluster Analysis and Regulatory Implications 579
Sebastian Hermes, Eric K. Clemons, David Wittenzellner, Andreas Hein, Markus Böhm, Helmut Krcmar

Consumer Voice in Technology-Based Self-Service Retailing 593
Yicheng Zhang, Xianghua Lu, Yufeng Zou

Contextual Factors Surrounding Electronic Medical Records Systems in the Zimbabwe Public Health 601
Brian Tau Mhembere, Salah Kabanda, Sarah Vuningoma

Contextualizing the Effective Use of Social Media Network for Collaborative Learning: An Affordance Perspective 614
Lakmali Jayarathna, Rebekah Eden, Erwin Fielt, Alireza Nili

ConvGRUText: A Deep Learning Method for Fake Text Detection on Online Social Media 628
Gaurav Sarin, Pradeep Kumar

Coping with Envy on Professional Social Networking Sites 642
Michal Chmielinski, Christy M. K Cheung, Helena Wenninger

Corporate Social Responsibility and Firm Value: The Moderating Effect of it Investment 650
Junmin Xu, Alvin Leung, Wei Yue

Credit Based Task Scheduling Process Management in Fog Computing 658
Md Whaiduzzaman, Shelia Rahman Tuly, Nadia Haque, Md. Razon Hossain, Alistair Barros

Credit Rating Prediction Using Corporate Innovation and Financial Ratios 672
Yu-Chun Kao, Yu Tsou, Pei-Yu Jhang, D N. Chen, Chia-Yu Lai

Critical Learning from Fires: An Investigation of Complexity in IS-Enabled Emergency Management 680
Andrew Edwards, Stephen Smith, Peter Busch, Donald Winchester, Felix Tan, Vincent Pang

VOLUME 2

Cultivating a 'Digital Jungle': Toward a Hybrid Governance Perspective on Infrastructure Evolution 694
Markus Philipp Zimmer, Marko Niemimaa

Cybersecurity Incident Detection Efficacy: From Ambidexterity and Social Capital Perspectives 708
Sessika Siregar, Kuo-Chung Chang

Data Governance and Digitalization – a Case Study in a Manufacturing Company 716
Barbara Krumay, David Rueckel

Deciphering the Role of Social Networking Affordances in Enhancing Members' Attachment from a Configurational Perspective: A Preliminary Content Analysis 730
Haiping Zhao, Fei Liu, Yijing Li, Eric Lim, Chee-Wee Tan

Decision Rights and Governance Within the Blockchain Domain: A Literature Analysis 738
Koen Smit, Jalal El Mansouri, Sabri Saïd, John Van Meerten, Sam Leewis

Decision-Making with Artificial Intelligence: Towards a Novel Conceptualization of Patterns 752
Michael Leyer, Anna Oberlaender, Paula Dootson, Marek Kowalkiewicz

Design Requirements for Cloud Broker Systems 763
Raoul Hentschel

Designers as Boundary Spanners During a Business- Design Project: A Knowledge Sharing Perspective 771
Jaehyun Park, Xiaohan Tian, Hyojoo Han, Younghoon Chang, Yoko Ogushi

Detecting Antisocial Personality Disorder Using a Novel Machine Learning Algorithm Based on Electroencephalographic Data 784
Hermann Baumgartl, Fulya Dikici, Daniel Sauter, Ricardo Buettner

Detection of Viruses Using Machine Learning Method 795
Ruslana Ziubina, Grzegorz Litawa, Rafal Szklarczyk, Patryk Biel, Olga Veselska, Joanna Nikodem

Developing a Framework for Smart City Planning in China: An Action Research Approach 802
Ning Zhang, Miguel Baptista Nunes, Lijun Wang, Guochao Peng, Qiang Li, Hui Zheng

Development and Evaluation of eGuardian Angel: Implementation and Validation of the Guardian Angel Structure 816
Katherine Sutarlim, Robert Zecchin, Robyn Gallagher, Julie Redfern

Digital Climate Formation Amid the Rise of Artificial Intelligence Technology 823
Rora P. Sari, Shan Ling Pan Prof, Yunfei Shi, Hoang D. Nguyen

Digital Imprinting: The Role of History in Digital Strategising at a Predigital Organisation 831
Malshika Dias, Shan Ling Pan Prof, Yenni Tim, Lesley Pek Wee Land

Digital Platform Owners' Entry Modes in E-Commerce Landscape: An Empirical Study on Amazon.com 839
Shiying Zheng, Xiaodie Pu, Jin Chen, Jiatao Li, Alain Yee-Loong Chong

Digital Platforms and Market Dominance: Insights from a Systematic Literature Review and Avenues for Future Research 847
Sebastian Hermes, Simon Pfab, Andreas Hein, Jörg Weking, Markus Böhm, Helmut Krcmar

Digital Transformation and the Socially Reclusive: A Study of ICT and the Hikikomori in Japan 861
Felix Ter Chian Tan, Jan Ondrus, Takahiro A. Kato, Barney Tan

Digitalization in Two Retail Food and Beverage Companies: A Resource Orchestration View 869
Mariya Tsyganova, Chuan-Hoo Tan, Jenson Goh

Digitalizing Agriculture Extension Service in Ethiopia: A Design-Reality Gap Analysis 880
Muluneh Atinaf, Alemayehu Molla, Stan Karanasios, Salehu Anteneh

Discovery of Small Group Interactions and Performance from Project Emails 894
Sasha Ivkovic, Mehmood A. Chadhar, Taiwo Oseni, Sally Firmin

Disentangling the Effect of Experience-Based Faultlines on Team Performance in E-Sports 906
Jiantao Zhu, Fei Liu, Yijing Li, Eric Lim, Chee-Wee Tan, Hefu Liu

Disentangling the Effects of Narrative and Statistical Evidence on Donations in Charitable Crowdfunding: A Narrative Persuasion Perspective 914
Zhengzhi Guan, Fangfang Hou, Boying Li, Zhao Cai, Alain Yee-Loong Chong, Eric Lim, Chee-Wee Tan

Does Organizational Mindfulness Facilitate Enterprise System Adaptation and Organizational Agility? 922
Neil C. A. Lee, Gloria Hui Wen Liu, Cheng-Hui Wang

Double-Spending Analysis of Bitcoin 936
Kaylash Chaudhary, Vishal Chand, Ansgar Fehnker

Dynamic Capabilities of Big Data Analytics and Its Impact on Firm Performance 950
Moustafa Elazhary, Frank Morelli

E-Health Service Adoption: A Two-Phase Analysis 962
Lin Hsien Tsung, Hsin-Lu Chang

Ecosystem Governance in Healthcare Services: Case Studies of Innovation Communities in ASEAN..... 970
Roxanne B. Llamzon, Felix Ter Chian Tan, Peter Ractham, Laddawan Kaewkitipong, Kon Mouzaki

Effects of Demographic Factors on Phishing Victimization in the Workplace..... 980
Zhihui Liu, Lina Zhou, Dongsong Zhang

Effects of Process Capabilities on the Continuous Use of Open-Standard Interorganizational Systems..... 988
Xiaodie Pu, Teng Ma, Shiying Zheng, Alain Yee-Loong Chong, Jie Yu

Efficiency and Influencing Factors of Crowd Innovation Spaces in China..... 1002
Xin Jin, Min Zhang, Jiapeng Liu

Enhancing Employees' Intention to Comply with Information Security Policies: The Roles of Job Crafting and Organizational Commitment 1010
Chao-Min Chiu, Chiew Mei Tan

Explanations in Clinical DSS: A Review and Research Agenda 1018
Yi Lai, Prakash Chandra Sukhwal, Atreyi Kankanhalli

Exploring Blockchain for Sustainability in the Food Supply Chain: An Affordance Approach..... 1026
Ming Hock Yew, Sherah Kurnia, Alem Molla, Mazen Ali, T Ramayah, Mahbubur Rahim

Exploring Stakeholders Perceived Risk and Trust Towards Their Intention to Adopt Cloud Computing: A Theoretical Framework 1034
Santoso Wibowo, Sameera Mubarak

Exploring the Boundary Between Employees and Intelligent Employee Assistants..... 1042
Jasmin Manseau

Exploring the Digital Transformation Gap: Evidence from Organizations in Emerging Economies 1050
Ola El-Telbany, Hany Abdelghaffar, Hala Amin

Exploring the Impact of Review and Service-Related Signals on Online Physician Review Helpfulness: A Multi-Methods Approach..... 1064
Adnan Muhammad Shah, Xiangbin Yan, Salim Khan, Syed Jamal Shah

Exploring User Satisfaction with AI-Enabled Voice- Activated Smart Phone Assistants..... 1078
Maarif Sohail

Face to Face with Large Groups in a Flipped Classroom..... 1086
Linda Blömer, Christin Voigt, Uwe Hoppe

Facial Payment Use in China: An Integrated View of Privacy Concerns and Perceived Benefits 1099
Chenglong Li, Hongxiu Li, Ping Wang

Fifty Shades of Digital Innovation: How Firms Innovate with Digital Technologies 1107
Sachithra Lokuge, Darshana Sedera

Financial Awareness: Developing an Extension of Financial Literacy for Low-Income Populations Utilizing FinTech 1121
Alvaro Gonzalez Rivas, Cheng-Suang Heng

From Players to Citizens: Gamification in the E-Commerce Context 1129
Jiahong Xu, Helen S. Du, Kathy Ning Shen

From Shadow it to Business-Managed it and Back Again: How Responsibility for it Instances Evolves Over Time 1139
Stefan Klotz, Markus Westner, Susanne Strahringer

Gamification Effects on Users' Stickiness on the Payment Platform: The Role of User Experience 1153
Pei-Shan Hsieh

Gamification of Self-Health Management: Understanding the Moderating Effect of Demographic Difference 1167
Hualong Yang, Dan Li

Health in the Era of the Internet of Things – a Smart Health Information System Architecture 1177
Gero Strobel, Juliane Perl

Healthy by App – Towards a Taxonomy of Mobile Health Applications 1191
Maike Greve, Tim-Benjamin Lembcke, Stephan Diederich, Alfred Benedikt Brendel, Lutz M. Kolbe

"Hey, Did You Know?" Memes on Social Media: Are They Entertainment Or Detriment? 1205
Prithvi Bhattacharya, Afaf Tabach

Hiring in Online Labor Markets: The Role of Jobspecific Experience 1213
Ashish Kabra, Qingchen Wang

How Can Small Businesses Achieve Knowledge Ambidexterity Using Cloud-Based Knowledge Management Systems? 1218
Anup Shrestha, Minu Sarat Chandra

How Countervailing Power Affects Value Co-Creation Among Service Providers: A Comparison of the Travel and Mobility Sectors 1226
Thomas Schulz, Georgios Ikonomou

How Does Mobile ICT Affect Psychological Unease? a Longitudinal Study 1240
Yanqing Lin, Yong Liu, Wenjie Fan

How Employees' Digital Resilience Makes Organizations More Secure 1254
Vanessa Kohn

How Product Signals of Brand and Review Influence Consumers: A Cognitive Perspective 1268
Jing Luan, Pengfei Tang, Zhong Yao Dr.

How the Sharing Economy Changes the Tourism Landscape: The Complementary Impacts of Airbnb and Uber/Lyft 1276
Jiyong Park

How to Make Business Process Maturity Models Better – Drawing on Design Science Research 1290
Vanessa Felch, Bjoern Asdecker

How to Make Efficient Pivotings for New Ventures: The Role of Digital Resources Orchestration 1304
Dandan Ye, Martin Liu, Jimmy Huang, Jun Luo, Zhengchun Zhi

How to Tell an Attractive Digital Story? the Revolution of Product Placement in the Mobile App Store 1317
Mengyao Fu, Bingqing Xiong, Eric Lim, Chee-Wee Tan, Weiquan Wang

Impact of Excessive Use of Social Media on Employee Creativity Through Strain: Moderation Effect of Communication Visibility 1325
Abdul Hameed Pitafi, Shamsa Kanwal, Adnan Pitafi, Rao Muhammad Rashid, Minglun Ren

Impact of Social Influence Embedded in Online Network Structure on Crowdfunding Decision Making - Evidence from Experimental Study 1340
Yanni Hu, Karl Lang

Impact of Social Media on Fundraising Success in Initial Coin Offering (ICO): An Empirical Investigation 1353
Mengfan Xuan, Xinyu Zhu, J. Leon Zhao

Impediments of Intermodal Mobility: A Service-Dominant Logic Perspective 1361
Sina Zimmermann, Thomas Schulz, Georgios Ikonomou, Heiko Gewald

Inclusion of Complementary Industry Knowledge in it Service Management Curriculum – a Case Study 1375
Muralidharan Ramakrishnan, Anup Shrestha, Jeffrey Soar

VOLUME 3

Incorporating Domain-Specific Neural Machine Translation into Augmented Reality Systems 1389
Krzysztof Wo K

Influences of Structural Assurances on Continuance Intention Towards the Blockchain-Based Online Healthcare Mutual Aid Platform 1402
Zhen Shao, Lin Zhang, Susan A. Brown, Rui Zhang

Innovation Through it Outsourcing – Evidence from a Care Home 1416
Marfri Gambal, Aleksandre Asatiani, Julia Kotlarsky

Institutional Versus Crowdsourced Analyst Reports: Who Puts it in a Nutshell? 1430
Matthias Palmer, Steffen Bankamp, Jan Muntermann

Instructional Or Personal? a Study on Utterance Annotation in Online Collaborative Learning 1444
Lu Yang

Intention of Use of the Patient-Centric Research Engagement Portal (PREP) 1452
Patrick Cheong-Iao Pang, Shanton Chang, Ornella Clavisi

Interactions in ICT4D Projects: A Sociotechnical Perspective 1466
Reet Kaur, Ashir Ahmed, Jason Sargent, Rosemary Stockdale

Introducing “Raffi”: A Personality Adaptive Conversational Agent 1480
Rangina Ahmad, Dominik Siemon, Daniel Fernau, Susanne Robra-Bissantz

Investigating Key Benefits and Benefit Drivers of Enterprise Systems Implementation in the Higher Education Institution Context 1488
Weizheng Wang, Sherah Kurnia, Tanya Linden

IoT-Enabled Smart Green Products: Environmental Awareness, Network Externality and Competition 1502
Xin Zhang, Xiong Zhang

Is There a Relationship Between Social Executives and Firms' Mergers and Acquisition Decisions: An Empirical Study Based on Twitter 1510
Qiping Wang, Raymond Yiu-Keung Lau

IT-Based Knowledge, Adaptive Behavior and Service Performance Improvement 1524
Zhuo Peng

Learning System Security Compliance for Banking 1532
Ka Yee Wong, Raymond Wong, Han Tai

Location-Sensitive Friend Recommendations in Online Social Networks 1546
Jiaxi Luo, Atish P. Sinha, Huimin Zhao

Machine Learning Based Diagnosis of Binge Eating Disorder Using EEG Recordings 1559
Dominik Raab, Hermann Baumgartl, Ricardo Buettner

Managing Inter-Organizational Boundary Spanning in Collaborative Innovation 1571
Tingru Cui, Yunfei Shi, Sherah Kurnia, Kevin K. Y. Kuan

Measuring Social Desirability Using a Novel Machine Learning Approach Based on EEG Data 1579
Hermann Baumgartl, Philipp Roessler, Daniel Sauter, Ricardo Buettner

Measuring the Digital Competency of Freshmen at a Higher Education Institute 1591
Pritika Reddy, Bibhya Sharma, Kaylash Chaudhary

MHealth Applications Enabled Patient-Oriented Healthcare Service Innovation 1603
Yishu Dai, Yan Yu, Xiao-Ying Dong

Mining Conversation Data for Reward Estimation in Dialog Policy Learning 1617
Anh Duy Nguyen, Minyi Li, Bao Quoc Vo

Mining Marketer-Generated Content for Platform Risk Signals in P2P Lending 1625
Wenjie Huang, J. Leon Zhao

Moderating the App Publishers-Controlled Effects 1633
Vinh Truong

Modulating Your Voice: The Role of Paralinguistic Cues in Improving Podcasters' Competitiveness 1647
Xiaohui Liu, Fei Liu, Yijing Li, Eric Lim, Chee-Wee Tan

More Information Or Less? Evidence from the Biggest Online Shopping Platform in China 1655
Jingyi Jiang, Ziang Wang, Hao Ying

Motivating for Healthier Drinking Behavior: Applying the Health Action Process Approach in Virtual Reality 1663
Sebastian Weber, Henrik Freude, Caroline Reßing, Björn Niehaves

Motivations and Prevention of Malicious and Criminal Misuse of Information Systems in Organizations: A Systematic Review 1671
Ibrahim Inuwa, Chidi Ononiwu

Motor Imagery to Control Mobile Applications – an fNIRS Study 1685
Philipp Ulsamer, Tobias Fertig, Kevin Pfeffel, Nicholas Müller

MUSE - Towards a Concept of Inspiring Ambient Technology Driven by Artificial Intelligence 1693
Hans Christian Klein, Frederike Marie Oschinsky, Sebastian Weber, Björn Niehaves

Mutually Promoted Or Mutually Restricted? a Multi-Level Co-Adaptation Regularized Deep Learning Method for Multimodal Data Based Default Risk Prediction 1701
Gang Chen, Tian Lu, Chenghong Zhang

NN-Based Feature Selection for Text-Based Sequential Data 1709
Shun-Wen Hsiao, Yi-Jen Lee

Non-Overlapping Cross-Domain Recommendation Via Adapted Tensor Factorization 1721
Ting Yu, Junpeng Guo, Meng Lu

Ontologies Application in Virtual Reality Training Domain: A Review and Future Directions 1731
Youcef Benferdia, Mohammad Nazir Ahmad, Mohd Yazid Bajuri, Mushawiahti Mustapha, Mazida Ahmad, Azrulhizam Shapii

Opportunity Or Threat: Board Perspectives on the Secondary Use of Data 1745
Stuart Black, Michael J. Davern, Sean Maynard, Humza Naseer

Outcomes of M-Health Implementation on Health Workers' Transformation in Child Health Care Service Delivery: A Case of ALMANACH 1753
Nakama David, Muhammadou Kah, Jennifer Tyndall, Olumide Babatope Longe Prof

Outsourcing Portfolio Configuration and Firm Performance 1767
Sukruth Suresh, R Thiagarajan

Partner Up: A Deep Learning Method for Predicting the Success of Social Media Influencer Collaboration 1777
Yu-Yuan Chen, Po-Lin Lai, Shih-Yu Chen, Liang-Wei Lo, Chih-Yun Chen, Chih-Ping Wei

Pathways to Successful Business Model Innovation in the Context of Digital Transformation 1790
David Soto Setzke, Lotta Opderbeck, Markus Böhm, Helmut Krcmar

PEEIM and Online Shopper Loyalty 1804
Tzu-Ling Huang, Chun-Han Chen, Ching-I Teng

Performance Impact of Enterprise Systems Capabilities and Improvisation Capability 1809
Chi-Feng Tai, Kai Wang, Eric T. G Wang

Persuasion Matters: Investigating the Role of Fear Appeal and Coping Appeal in Mobile Health Technology Adoption 1817
Yongqiang Sun, Yafei Feng

Planting Trees and Tracking Screen Time: A Taxonomy of Digital Wellbeing Features 1830
Arvid Alexander Eichner

Prioritising it Projects: A Multi-Method Approach 1844
Jalil Heidary Dahooie, Hamed Jafarzadeh, Pouria Akbari

Problematic Smartphone Use and Its Associations with Personality Traits and Hedonic Motivation 1858
Peter André Busch

Pursuit of Happiness Through Esports: An Interpretive Structural Approach 1872
Zixiu Guo, Michael Cahalane, Amelia Carbonie

Readable Contrast Mining Method for Heterogeneous Bipartite Networks with Class Label 1886
Mao Nishiguchi, Hiroyuki Morita, Yasuyuki Shirai, Yusuke Goto

Readiness for Business Transformation 1900
Julia Li

Role of Privacy and Emotion in ARBS Continuing Use Intention 1907
Ya Yin, Carol Hsu

Rolling Or Scrolling? the Effect of Content Type on Habitual Use of Facebook 1915
Dicle Berfin Köse

S-Curves in Platform-Based Business – Facing the Challenge of the Tipping Point 1928
Andreas J. Steur, Niklas Bayrle

Salient Attributes of Mobility Apps: What Does Really Matter for the Citizen? 1942
Sina Zimmermann, Thomas Schulz, Heiko Gewald

Says What in Your Photos? the Impacts of Photographic Narratives on Medical Crowdfunding Performance 1954
Xiaopan Wang, Yi Wu, Junpeng Guo, Lusi Yang

Sharing Information Security Failure: The Role of Social Context and Social Environment 1968
Muriel Frank

Sidedness Effect of Online Review 1982
Min-Qian Li, Yi-Chen Lee, Ling-Ling Wu

Smart Contract-Based Electric Vehicle Charging: A Practice-Based Economy of Things Application 1996
Amitrajit Sarkar, Sayan Kumar Ray

SnapLearning: A Design Framework for a Micro-Learning System to Enhance Adult Learning 2004
Wisam Zaqoot, Oteng Ntsweng, Lih-Bin Oh, Tengku Muhammad Hafidzuddin Tengku Ibrahim

Social Comparisons in Sustaining Exercise Intensity 2012
Ben Choi

Social Comparisons in Sustaining Exercise Intensity 2026
Ben Choi

Social Inclusion of Refugees Through Digital Learning: Means, Needs, and Goals 2040
Safa'A Abujarour

Social Informatics Guided Social Intelligence Management and Its Analysis in the Asia-Pacific Contexts 2052
Shastri Nimmagadda, Torsten Reiners, Neel Mani, Christine Namugenyi

Social Network Site User Archetypes: An Exploratory Study of Implications for Workplace Outcomes 2066
Nugi Nkwe, Jason F. Cohen

Symbolic Gas Vulnerability Detection and Attack Synthesis 2080
Min Hao Peng, Fang Yu, Jie Hong Roland Jiang

VOLUME 4

Synergy Effect of Cyber-Life-Interruption and Cyberloafing on Employee Emotional Exhaustion 2094
George Yui-Lam Wong, Ron Chi-Wai Kwok, Gabriel Chun-Hei Lai, Jessica Choi-Fung Cheung

Tacit Knowledge Acquisition in Organizations 2102
Shih-Jung Juan, Wootsong Lin

Talent Management Systems Usage in Practice – an Exploration of Challenges and Opportunities 2111
Sucheta Sucharita, Rahul Thakurta, Stefan Smolnik

Technology in Omnichannel Retailing: Exploring Agenda for Future Research.....2119
Neha Sharma, Nirankush Dutta

The Analysis of Intercity Migration Behavior of it Professionals in China..... 2133
Yujun Li, Xueqi Bao, Jie Yu

The Course Design Does Matter: Analyzing the Learning Success of Students 2145
Christin Voigt, Linda Blömer, Uwe Hoppe

The Design of Digital Health Applications for Elderly Users: A Systematic Review and Future Directions 2159
Na Liu, Jiamin Yin, Monpetcharee Wongmaneeroj, Hock-Hai Teo

The Effect of the Online Donation System on Donation Behavior 2167
Jihye Sung, Gee-Woo Bock, Han-Min Kim

The Effect of User Interactions on Shaping Online Trust: Evidence from a Large-Scale Experiment..... 2178
Chenyang Zhu, Bruno Abrahao, Anqi Zhao

The Effectiveness of Online Social Referral Systems: Information Order, Social Distance and Reward Size..... 2186
Mengqi Fei, Hongli Wu, Qiuzhen Wang

The Establishment of Information Security Knowledge Sharing in Organizations: Antecedents and Consequences 2200
Farkhondeh Hassandoust, Subasinghage Maduka Nuwangi, Allen C. Johnston

The Impact of Calories Labeling Policy in Saudi Arabia: Comparing Physical and Online Channels..... 2214
Mohammed Alfawzan, Amer Aljarallah

The Impact of New Technologies on Learning: A Literature Review on Mobile Collaborative Learning 2226
Abdulrahman Alyami, Salvatore F. Pileggi, Igor Hawryszkiewycz

The Impact of Patient Experience from e-Health on Conscious Competence and Medication Adherence..... 2234
Hongze Yang, Zeyu Peng, Xitong Guo, Kee-Hung Lai, Jianfeng Luo

The Impact of Technology Attractiveness on Impulsive Purchase Behavior in Social Commerce 2248
Xiayu Chen, Zhaoyang Liu, Xiongfei Cao, Shaobo Wei

The Impact of the Perceived Legitimacy of Computer Monitoring on Reactive Computer Abuse..... 2256
Haiying Xu, Carol Hsu

The Influence of Corporate Social Behaviors on Credit—An Empirical Analysis..... 2264
Xin Chen, Wenli Li, Kuo Liao, Shaowen Hou

The Matching Effect Between Product-Understanding Task and Information Presentation Format on User Engagement..... 2272
Gunwoong Lee, Alex Jiyoung Kim, Taekyung Kim

The Role of Hybrid Captive Offshoring in ICT Sector 2286
Zhuang Ma, Woon Kian Chong, Alain Yee-Loong Chong

The Role of Learning Culture in Big Data Analytics 2300
Youyung Hyun, Taro Kamioka

The Role of Media Coverage on Pandemic Containment: Empirical Analysis of the COVID-19 Case 2308
Qiang Cao, Wei Hu, Sijia Zhou, Bei Luo, Yuxuan Yu, Stephen Shaoyi Liao, J. Leon Zhao, Raymond Yiu-Keung Lau

The Role of Mobile Social Application in Stimulating Learning Stickiness in Blended Learning 2316
Lin Zhang, Zhen Shao, Tuo Zhao, Susan A. Brown

The Role of Social Capital in Expanding Retail Platform Ecosystems 2330
Tong He, Martin Liu, Chee Wei Phang

The Routine Use of a Niche Product from a Well- Known Company: An Empirical Investigation of ApplePay 2338
Qianqian Zhang, Zeyu Peng, Xitong Guo, Douglas Vogel

Towards a Privacy-Enhancing Tool Based on De- Identification Methods 2352
Gloria Bondel, Gonzalo Munilla Garrido, Kevin Baumer, Florian Matthes

Towards a Unifying Understanding of Digital Business Models 2360
Tobias Guggenberger, Frederik Möller, Karim Boualouch, Boris Otto

Towards an Inventory of Social Media Affordances 2374
Fatuma Namisango, Maria Miiro Kafuko, Gorretti Byomire

Towards Central Bank Digital Currency – a Systematic Literature Review 2382
Frederic Tronnier, Michael Recker, Peter Hamm

Towards Most Efficient Method for Untimed Security Protocols Verification 2396
Olga Siedlecka-Lamch, Sabina Szymoniak, Miros Aw Kurkowski, Imed El Fray

Towards Smart Service Level Agreement (SSLA) Using Blockchain 2410
Naoum Jamous, Matthias Volk, Hiba Barouqa, Faris Ghnaim, Tarek Turk

Towards Understanding Vulnerability in Information Systems: The Topic Modeling Perspective 2422
Xiong Zhang, Hongkai Shao, Minghao Zhu, Runtong Zhang

Trust in Sharing Accommodation and Performance: Evidence from Airbnb 2430
Jialing Zhao, Yuxin Huang, Hongwei Wang

Understanding Clinician Satisfaction in Electronic Medication Management Systems: An fsQCA Approach 2438
Akash Patkal, Monica Gawas, Kevin K. Y. Kuan, Eui Dong Kim, Milan R. Vaghasiya, Redouane El Amrani, Wynne Chin, Jonathan Penm, Naren Gunja, Simon K. Poon

Understanding Digital Strategy for Digital Transformation: A Review of Literature 2446
Josephine Chong, Sophia Duan

Understanding Filipinos' Perceptions of Data Privacy in Crowdfunding: A Social Contract and Virtue Theory Perspective 2458
Lumer Jude Doce, Nelson Celis

Understanding Live Streaming Shopping Intentions: A Vicarious Learning Perspective 2471
Mengyi Li, Qingfei Min, Lixia Hu, Zhiyong Liu

Understanding Potentials of Cloud ERP Adoption by Large Organisations: A Case Study 2479
Rumana Ahmed, Gillian Oliver, Mahbubur Rahim

Understanding Purchase Intention in E-Commerce Live Streaming: Roles of Relational Benefits, Technological Features and Fan Identity Salience 2493
Fangfang Hou, Zhengzhi Guan, Boying Li, Yueqiu Hu, Alain Yee-Loong Chong

Understanding the Competitive Dynamics in Emarketplace: An Action Sequence Analysis Approach 2501
Huifang Li, Jicheng Zeng, Yulin Fang, Youwei Wang

Understanding the Consequences of Adopting the Internet of Things in Small- And Medium-Sized Enterprises 2509
Hannes Reil, Marlen Rimbeck, Michael Leyer, Jutta Stumpf-Wollersheim

Understanding the Differential Effectivenesses of Marketer- Versus User-Generated Advertisements in Closed SNSs: A Uses and Gratifications Perspective 2522
Teng Teng, Huifang Li, Xun Zhang

Understanding the Linkage Among the Diffident it Artifacts in Public Administration: An Evidence on Smart City Pilot Program and Government Website Performance in China 2530
Meiyin Huang, Zhongqi Yu, Rui Yang, Nan Zhang

Understanding the Time-Limited Privacy Settings on WeChat Moments: A Text Mining Approach 2544
Xinzhu Ran, Yue Gao, Yun Zhang, Qinghong Shuai

Understanding Uncertainty Reduction Mechanisms in Social Commerce 2556
Xiayu Chen, Jiawen Wang, Shaobo Wei, Jianshan Sun, Yezheng Liu

Understanding User Ad Click-Through Intention in the Mobile Social Platform: A Lens of Trust Transfer 2564
Zhen Shao, Kuanchin Chen, Zhiwen Jiang, Lin Zhang

Understanding Users' Perception on the Adoption of Stablecoins - The Libra Case 2577
Johana Kimmerl

Usage Behavior of M-Banking: An Analytical Perspective 2591
Mousa Albashrawi, Jongtae Yu

User Engagement in Image-Based Online Health Communities 2601
Hajar Alamri, Reeva Lederman, Jenny Waycott, Abeer Alshehri

User Switching Behavior: AI Chatbots Or Human Agents? 2615
Lintong Jiang, Xiaodi Wang, Qi Chen, Qingfei Min

User-Centric Network-Model for Data Control with Interoperable Legal Data Sharing Artefacts 2623
Harrie Bastiaansen, Simon Dalmolen, Maarten Kollenstart, T. M. Van Engers

Using an Ensemble LSTM Model for Financial Statement Fraud Detection 2637
Yahui Sun, Yue Wu, Yunjie (Calvin) Xu

Weather Conditions and User Engagement Behaviors on Government Social Media Platforms 2649
Jiaming Fang, Zhihui Shi, Qian Su

What is More Important for Touch Dynamics Based Mobile User Authentication? 2663
Kanlun Wang, Lina Zhou, Dongsong Zhang, Zhihui Liu, Jaewan Lim

What Makes Online Groups and Pages Sustainable: An Examination Using Samaritan's Dilemma 2677
Tanu Shree, Sumeet Gupta

What Matters Most for German Faculty Management: Identifying Contextual Factors of Faculty Organization 2690
Ilse Hagerer, Uwe Hoppe

When Does Trust Reinforce Intentions to Upgrade to Paid Online Healthcare Consultations? the Valence of Platform-Versus Service-Related Attitudes 2704
Ming Yang, Fangyun Yuan, Jinglu Jiang

When Self-Determination Doesn't Work Well: Exploring Instructors' MOOCs Motivation in Confucian Cultural Context 2717
Tsai-Hsin Chu, Yen-Hsien Lee

Which Collective Signals Drive High Performance in the E-Marketplace? a Configurational Perspective 2724
Jicheng Zeng, Yulin Fang, Huifang Li, Youwei Wang

Whose Reviews Are Most Valuable for Predicting Default Risk of Pedicting Default Risk of Peer-Peer Lending Platforms? Evidence from China 2738
Liting Li, Haichao Zheng, Dongyu Chen, Bin Zhu

Why Big Data Analytics Competency for Organizational Agility: A View of is Resources 2751
Youyung Hyun, Taro Kamioka, Jaehyun Park, Younghoon Chang

Why Do Users Share About Digital Companions? the Perspective of Hope 2765
Gen-Yih Liao, Hsiu-Li Chang

Would You Care to Share? the Effect of App Transparency and User Control on Privacy Concerns of Mobile Apps Users 2773
Arwa Mohsen Alawajy, Raquel Benbunan-Fich

Would You Trust a Bot for Healthcare Advice? an Empirical Investigation 2781
Ashish Viswanath Prakash, Saini Das

Author Index