Knowledge Profile in PAJAIS: A Review of Literature and Future Research Directions

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Abstract

It is our pleasure and honor to be the Editor-in-Chief of the Pacific Asia Journal of the Association for Information Systems (PAJAIS). After cultivating over a decade, PAJAIS has become an important platform for researchers to share their high-quality papers. The mission of PAJAIS is to be a leading IS journal. Although the journal intends to have close ties with the communities in Asia Pacific regions, it is an open platform that welcomes submissions on any IS-related topics from authors around the world. In order to provide readers with a better understanding of the profile of PAJAIS, this editorial is the first in the series to summarize what has been published. Our founding editor, Prof. Ting-Peng Liang, and I started this series with a discussion of the publications in PAJAIS.

Introduction

The journal has grown considerably in the past 10 years. In general, four issues will be published with four to five papers every year, and each issue has 120 pages on average. The requirements and expectations of PAJAIS are provided in this series of editorials so that authors may smoothly prepare their manuscripts for future submission. As information technology evolves quickly, it's also the intention of PAJAIS to expedite the review process and publish timely research findings.

We reviewed the 122 manuscripts published in PAJAIS. As shown in Table 1, these papers fall into 25 different topics identified in the Pacific Asia Conference on Information Systems (PACIS) in the past five years. Prevalent topics include Review (19 papers), Electronic and Mobile Business/Social commerce (17 papers), Human Behavior and IS/Human-Computer Interaction (12 papers), IS/IT Strategy, Leadership and Governance (11 papers), Business Intelligence and Data Analytics (10 papers), and Design Science and IS (8 papers). A few other categories such as E-Finance, Internet of Things, Green IT and Sustainability, and IS project management are less-represented. This situation may be attributed to fewer submissions or the recency of the topics.

PAJAIS is open for different research methodologies. Quantitative, qualitative, and hybrid methods are all welcome in this journal. We anticipate that the innovative use of existing research methods and new research topics will continue to appear in PAJAIS papers. The profile in Table 1 shows the coverage of articles in PAJAIS. Major works in each category will be summarized below.

Table 1. PAJAIS article topics frequency	
Topics	**Frequency**
Review	19
Electronic and Mobile Business / Social Commerce	17
Human Behavior and IS/Human-Computer Interaction	12
IS/IT Strategy, Leadership, Governance	11
Business Intelligence and Data Analytics	10
Design Science and IS	8
Enterprise Systems and BPM	7
IS Implementation, Adoption, and Diffusion	7
Social Media and Business Impact	7
Cultural and Global Issues in IS	5
IS Security and Privacy	5
IS Smart/IoT	5
Knowledge Management	5
ICT/Digital platform/IT and Work	4
IS Healthcare	4
IT Project Management	4
Service Science and IS	4
Social and Organizational Aspects of IS	4
Research Methods and Philosophy	3
E-Finance/Economics of IS	2
E-Government	2
IS Education and Learning	2

Results

Review papers

Review papers are usually valuable for researchers to gain a snapshot of specific research areas/topics. PAJAIS has published 19 review papers until now (see Table 2). Hung et al. (2009) explored on the productivity of Pacific Asia scholars and academic institutions in the period between 2003 and 2007. Journals of Decision Support Systems (DSS) and Information and Management (I&M) were examined. They also investigated the impact of Pacific Asian researchers by counting how many times their works were cited in another 21 IS journals. Lin and Gregor (2009) performed a scientometric analysis to examine six premier IS journals between 2003 and 2007: the "Basket of Six", proposed by the Association for Information System. Authors with highest productivity were recognized. Sato, Kosaka, and Turner (2009) documented the characteristics of Japanese IS research and their under-representation in the international IS communities. Wang et al. (2009) applied social network analysis to examine whether or not ideas could be transferred and created rapidly via traditional authorship patterns that could eliminate the concerns in the Management Information Systems. Liu et al. (2011) used the social exchange theory to develop an extended model and accounted for knowledge-sharing behavior. French and Shim (2012) evaluated the educational backgrounds of top researchers throughout Asia, and they suggested that there was a strong influence of western academic communities on the research conducted in Asia. Amrollahi, Ghapanchi and Talaei-Khoei (2013) employed a systematic review of strategic information system planning (SISP) in 12 top-ranked IS journals in the past 10 years. Those journals were classified according to their focuses, topics, and methods. Geraci et al. (2013) presented a framework to assess the capacity of Public Administrations (PA) to offer good quality of information and service on their web portals.

Ahmed, Scheepers, and Stockdale (2014) provided a report on social media research in major IS journals between 2009 and 2013. Jafarzadeh et al. (2015) conducted a systematic review on the topic of Search Engine Advertising. They searched and collected 101 papers, published in 72 journals of different disciplines. Masrom and Rahimly (2015) provided a deeper understanding of data security in hospital information systems, and contributed more knowledge to the field of healthcare industry. Masrom and Rahimly (2015) conducted a meta-analysis of 67 published studies and explored the influence of antecedents of trust in the e-service. The results showed that structural assurance (STA), reputation (REP), perceived usefulness (PU), system quality (SYQ), and service quality (SEQ), demonstrated the strongest effects on the antecedents of trust. Friedrich (2016) conducted a systematic review of the empirical literature on consumers' adoption of social commerce. This study identified and classified behavioral intentions and actual behaviors.

Hassandoust, Techatassanasoontorn, and Tan (2016) described a current landscape in IS infusion research, identified the plethora in research, and suggested future directions. Anand, Srivastava, and Rakshit (2017) followed a framework to categorize management research into two themes: online consumer reviews (OCR) and OCR Business Implication. Parallel technical literature was reviewed to reinforce the weaknesses in methodologies adopted in the analysis of the text of online review. Hsu and Chiang (2017) reported on the profiles of e-commerce papers published in primary EC and IS journals. They attempted to find out how papers in EC journals could differ from those in IS journals. Liu (2017) reviewed 24 papers published in information and computing sciences, biomedical engineering, and medicine and health sciences, in order to identify current research themes in the area of data completeness in healthcare. Deng and Ji (2017) presented a comprehensive review of existing Design Science Research (DSR). In total, 119 papers were reviewed, authors identified many issues which could be examined by future DSR.

Table 2. Published Review Papers
1. Hung et al. (2009). High Impact IS Papers and Researchers in the Pacific Asia Region. *Pacific Asia Journal of the Association for Information Systems, 1*(1), 17-32. Available at: https://aisel.aisnet.org/pajais/vol1/iss1/8
2. Hung et al. (2009). Publication Productivity of IS Researchers in the Pacific Asia Region: An Analysis of DSS and I&M Journals (2003-2007). *Pacific Asia Journal of the Association for Information Systems, 1*(2), 38-53. Available at: https://aisel.aisnet.org/pajais/vol1/iss2/4
3. Lin, A. C. H. & Gregor, S. (2009). Publication Productivity in Information Systems 2003-2007. *Pacific Asia Journal of the Association for Information Systems, 1*(1), 1-16. Available at: https://aisel.aisnet.org/pajais/vol1/iss1/7
4. Sato et al. (2009). Information Systems Research and Academic Societies in Japan: an Overview. *Pacific Asia Journal of the Association for Information Systems, 1*(2), 53-71. Available at: https://aisel.aisnet.org/pajais/vol1/iss2/5
5. Wang et al. (2009). Management Information Systems Research Networks: Creating and Sharing Diverse Knowledge. *Pacific Asia Journal of the Association for Information Systems, 1*(1), 55-80. Available at: https://aisel.aisnet.org/pajais/vol1/iss1/10
6. Liu et al. (2011). Knowledge Sharing as Social Exchange: Evidence from a Meta-Analysis. *Pacific Asia Journal of the Association for Information Systems, 3*(4), 21-47. Available at: https://aisel.aisnet.org/pajais/vol3/iss4/3
7. French, A. & Shim, J. P. (2012). Influence of American Institutions on Information Systems (IS) Research within Asia. *Pacific Asia Journal of the Association for Information Systems, 4*(4), 43-59. Available at: https://aisel.aisnet.org/pajais/vol4/iss4/4
8. Amrollahi et al. (2013). A Systematic Literature Review on Strategic Information Systems Planning: Insights from the Past Decade. *Pacific Asia Journal of the Association for Information Systems, 5*(2), 39-66. Available at: https://aisel.aisnet.org/pajais/vol5/iss2/4
9. Geraci et al. (2013). A Framework to Evaluate Information Quality in Public Administration Website. *Pacific Asia Journal of the Association for Information Systems, 5*(3), 25-42. Available at: https://aisel.aisnet.org/pajais/vol5/iss3/3
10. Ahmed et al. (2014). Social Media Research: A Review of Academic Research and Future Research Directions. *Pacific Asia Journal of the Association for Information Systems, 6*(1), 21-37. Available at: https://aisel.aisnet.org/pajais/vol6/iss1/3
11. Jafarzadeh et al. (2015). A Systematic Review on Search Engine Advertising. *Pacific Asia Journal of the Association for Information Systems, 7*(3), 1-32. Available at: https://aisel.aisnet.org/pajais/vol7/iss3/2
12. Masrom, M. & Rahimly, A. (2015). Overview of Data Security Issues in Hospital Information Systems. *Pacific Asia Journal of the Association for Information Systems, 7*(4), 51-66. Available at: https://aisel.aisnet.org/pajais/vol7/iss4/5
13. Mou, J.,& Cohen, J. (2015). Antecedents of Trust in Electronic-Service Providers: Results from a Meta-Analysis. *Pacific Asia Journal of the Association for Information Systems, 7*(1), 1-30. Available at: https://aisel.aisnet.org/pajais/vol7/iss1/2
14. Friedrich T. (2016).On the Factors Influencing Consumers' Adoption of Social Commerce - A Review of the Empirical Literature. *Pacific Asia Journal of the Association for Information Systems, 8*(4), 1-32. Available at: https://aisel.aisnet.org/pajais/vol8/iss4/2

15. Hassandoust et al. (2016). Factors Influencing the Infusion of Information Systems: A Literature Review. *Pacific Asia Journal of the Association for Information Systems, 8*(1), 1-32.
Available at: https://aisel.aisnet.org/pajais/vol8/iss1/2

16. Anand et al. (2017). Assessment, Implication, and Analysis of Online Consumer Reviews: A Literature Review. *Pacific Asia Journal of the Association for Information Systems, 9*(2), 43-74.
Available at: https://aisel.aisnet.org/pajais/vol9/iss2/4

17. Hsu, C. L. & Chiang, C. H. (2017). Electronic Commerce Research Profiles: Comparing E-Commerce and Information Systems Journals. *Pacific Asia Journal of the Association for Information Systems, 9*(3), 49-66.
Available at: https://aisel.aisnet.org/pajais/vol9/iss3/4

18. Liu et al. (2017). Data Completeness in Healthcare: A Literature Survey. *Pacific Asia Journal of the Association for Information Systems, 9*(2), 75-100.
Available at: https://aisel.aisnet.org/pajais/vol9/iss2/5

19. Deng, Q. & Ji, S. (2018). A Review of Design Science Research in Information Systems: Concept, Process, Outcome, and Evaluation. *Pacific Asia Journal of the Association for Information Systems, 10*(1), 1-36.
Available at: https://aisel.aisnet.org/pajais/vol10/iss1/2

Electronic and Mobile Business/Social Commerce

E-commerce has been thriving since its introduction in 2000, and social commerce just emerges recently as a new form of e-commerce. The popularity of social media and portable devices have greatly energized this new trend. PAJAIS has published 17 papers regarding electronic and mobile business and social commerce (see Table 3). Huang, Hu, and Lu (2009) used the business ecosystem theory as the theoretical lens to explore the growth of e-business in China. The Alibaba Group was chosen as a case study to illustrate how a typical e-business ecosystem could emerge, develop, and mature. Li and Chau (2009) compared IS Continuance Model (ISCM), the Commitment-Trust Theory (CTT), and an integrated model developed from ISCM and CTT. They reported the differences among these three models and interpreted the acceptance of Internet-based services. Huang et al. (2010) defined an evolving model to identify the basic characteristics of the review community. Their findings helped researchers make more accurate predictions of how the review community would evolve. Ghandour, Benwell, and Deans (2011) adopted the perspective of business owners to develop and test a new measurement of website performance. Hsu and OuYang (2013) examined how part-time marketers used tourism blogs to conduct relationship marketing with their customers. Andrade (2014) analyzed how individuals in the age of 18 to 24 managed their social life through mobile phones. Cheung, Zheng, and Lee (2015) conducted a longitudinal study to point out the complex nature of IS continuance. They argued that habit activates the heuristic information processing mode and facilitates consumers' decision making through interacting with key elements of the rational decision process. Mou and Cohen (2015) examined the antecedents of consumer trust in e-service by conducting a meta-analysis of 67 published studies in order to understand the antecedents of consumer trust. Cui et al. (2016) constructed a contingency framework to investigate why bidders used unique bidding strategies in online auctions.

Wang and Hsu (2016) explored the enjoyment factors of playing smart phone games. They attempted to identify the potential psychological benefits players could receive from the games. Hoque and Boateng (2017) explored the factors that affect B2B e-Commerce adoption in RMG sectors of Bangladesh by using Perceived eReadiness Model (PERM). Song et al. (2017) investigated the motivating factors influencing SNS brand page users'

participation and commitment, as well as the subsequent impact on purchase intention. Singh and Matsui (2017) adopted UTAUT2 and added another two constructs of "long-tail effect" and "trust" in the measurement. They were interested to know whether these two new factors could influence customers' motivation to choose online shopping channels. Vijay et al. (2017) used heuristic-systematic modeling to investigate whether the adoption of online reviews would be affected by 1) the relative significance of information credibility, 2) argument quality, 3) quantity sufficiency, and 4) source credibility. Yang, Huang, and Su (2017) explored the intention to purchase virtual goods and the critical factors of success of LINE stickers. Hou and Gao (2018) adopted Task-Technology Fit Theory and UTAUT to grasp a preliminary understanding of why and how mangers would use mobile business intelligence. Vijay, Prashar, and Gupta (2018) used the expectation-confirmation theory to examine how customers would post new reviews in response to the existing online reviews written by other shoppers.

Table 3. Published Electronic and Mobile Business / Social Commerce Papers
1. Huang et al. (2009). E-business Ecosystem and its Evolutionary Path: The Case of the Alibaba Group in China. *Pacific Asia Journal of the Association for Information Systems, 1*(4), 25-36. Available at: https://aisel.aisnet.org/pajais/vol1/iss4/3
2. Li, D. & Chau, P. Y. K. (2009). Acceptance of Internet-Based Services: A Comparison of Three Models. *Pacific Asia Journal of the Association for Information Systems, 1*(3), 1-24. Available at: https://aisel.aisnet.org/pajais/vol1/iss3/2
3. Huang et al. (2010). Promote Product Reviews of High Quality on E-commerce Sites. *Pacific Asia Journal of the Association for Information Systems, 2*(3), 51-71. Available at: https://aisel.aisnet.org/pajais/vol2/iss3/5
4. Ghandour et al. (2011). Measuring the Performance of E-Commerce Websites - An Owner's Perspective. *Pacific Asia Journal of the Association for Information Systems, 3*(1), 1-27. Available at: https://aisel.aisnet.org/pajais/vol3/iss1/2
5. Hsu, C. & OuYang, S. (2013). Achieving Online Relationship Marketing via Tourism Blogs: A Social Network Perspective. *Pacific Asia Journal of the Association for Information Systems, 5*(4), 1-25. Available at: https://aisel.aisnet.org/pajais/vol5/iss4/2
6. Díaz Andrade, A. (2014). From physical co-location to perceived co-presence: "I feel close to you when I use my mobile". *Pacific Asia Journal of the Association for Information Systems, 6*(1), 1-19. Available at: https://aisel.aisnet.org/pajais/vol6/iss1/2
7. Cheung et al. (2015). How the Conscious and Automatic Information Processing Modes Influence Consumers' Continuance Decision in an e-Commerce Website. *Pacific Asia Journal of the Association for Information Systems, 7*(2), 25-40. Available at: https://aisel.aisnet.org/pajais/vol7/iss2/2
8. Mou, J. & Cohen, J. (2015). Antecedents of Trust in Electronic-Service Providers: Results from a Meta-Analysis. *Pacific Asia Journal of the Association for Information Systems, 7*(1), 1-30. Available at: https://aisel.aisnet.org/pajais/vol7/iss1/2
9. Cui et al. (2016). A Contingency Model of Bidding Strategies in Online Auctions in China. *Pacific Asia Journal of the Association for Information Systems, 8*(2), 49-76. Available at: https://aisel.aisnet.org/pajais/vol8/iss2/4
10. Wang, S. S. & Hsu, S. J. (2016). Not So Angry Birds: Psychological Benefits of Mobile Games. *Pacific Asia Journal of the Association for Information Systems, 8*(1), 65-84. Available at: https://aisel.aisnet.org/pajais/vol8/iss1/4

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11. Hoque, M. R. & Boateng, R. (2017). Adoption of B2B e-Commerce in Developing Countries: Evidence from Ready Made Garment (RMG) Industry in Bangladesh. *Pacific Asia Journal of the Association for Information Systems, 9*(1), 55-74.
Available at: https://aisel.aisnet.org/pajais/vol9/iss1/4

12. Song et al. (2017). Factors Motivating Customers' SNS Brand Page Behaviors: A Comparison Between China and Korea. *Pacific Asia Journal of the Association for Information Systems, 9*(4), 25-50.
Available at: https://aisel.aisnet.org/pajais/vol9/iss4/3

13. Singh, M. and Matsui, Y. (2017). How Long Tail and Trust Affect Online Shopping Behavior: An Extension to UTAUT2 Framework. *Pacific Asia Journal of the Association for Information Systems, 9*(4), 1-24.
Available at: https://aisel.aisnet.org/pajais/vol9/iss4/2

14. Vijay et al. (2017). An Empirical Examination of the Influence of Information and Source Characteristics on Consumers' Adoption of Online Reviews. *Pacific Asia Journal of the Association for Information Systems, 9*(1), 75-94.
Available at: https://aisel.aisnet.org/pajais/vol9/iss1/5

15. Yang et al. (2017). Are Consumers More Willing to Pay for Digital Items in Mobile Applications? Consumer Attitudes toward Virtual Goods. *Pacific Asia Journal of the Association for Information Systems, 9*(4), 51-64.
Available at: https://aisel.aisnet.org/pajais/vol9/iss4/4

16. Hou, W. & Gao, S. (2018). An Investigation of the Managerial Use of Mobile Business Intelligence. *Pacific Asia Journal of the Association for Information Systems, 10*(3), 87-108.
Available at: https://aisel.aisnet.org/pajais/vol10/iss3/4

17. Vijay et al. (2018). Intention to Provide Online Reviews: An Expectation-Confirmation Model with Review Involvement. *Pacific Asia Journal of the Association for Information Systems, 10*(2), 25-54.
Available at: https://aisel.aisnet.org/pajais/vol10/iss2/3

Human Behavior and Human-Computer Interaction

The multidisciplinary nature of human-computer interaction studies has attracted scholars of different backgrounds to contribute their knowledge to the field of computer science, cognitive science, and human-factors engineering. PAJAIS has published 12 papers regarding human behavior and human-computer interaction (see Table 4). Hsieh and Yuan (2010) proposed a systematical and quantitative customer expectation measurement model based on Fechner's Law. They also mentioned the concepts of operation risk that service firms could use to measure real-time customer expectations. Huang et al. (2010) defined an evolving model to generate the essential characteristics of the review community that helps researchers make more reasonable predictions concerning the evolution of the review community. Pahnila, Siponen, and Zheng (2011) extended UTAUT by integrating habit into it in order to increase the explanatory value of UTAUT in examining the use of Tao Bao. Huang, Farn, and Jeng (2012) investigated how members of virtual community would use the information on the review website, how they could inspire more individuals to join the same community, and how product sales could be influenced by these virtual social interactions. Hwang et al. (2014) proposed an approach to identify noteworthy customer reviews for hotel management. Issa and Isaias (2014) tested the usability and Human-Computer Interaction (HCI) tools and techniques. They developed a successful website by utilizing New Participative Methodology for Marketing Websites (NPMMW).

Li, Yang, and Liang (2015) examined the effect of website interactivity, promotional framing, and different brand images on consumer attitudes toward the advertisement and the product within. Ku, Tai, and Chan (2016) investigated the

effects of product type and recommendation approach on consumers' intention to purchase recommended products. Chan et al. (2016) examined the relative impacts of SNS-specific motivation factors and social factors derived from the SNS environment on continuance intention to use SNSs. Zeng and Yen (2016) proposed the model of Access Efficiency (AE) to identify the intrinsic factors that had critical impacts on the adaptation process.

Kumar, Samalia, and Verma (2017) assessed the determinants of cloud computing adoption by small and medium-sized Indian enterprises, using an integrated research framework. Thakurta, Urbach, and Basu (2018) proposed a theoretical model to explain technology transition from an individual user's perspective to enlarge the understanding of psychological and social processes that influence the technology transition process.

Table 4. Published Human Behavior and IS/Human-Computer Interaction Papers
1. Hsieh, Y. H. & Yuan, S. T. (2010). Design of the Customer Expectation Measurement Model in Dynamic Service Experience Delivery. *Pacific Asia Journal of the Association for Information Systems, 2*(3), 1-19. Available at: https://aisel.aisnet.org/pajais/vol2/iss3/3
2. Huang et al. (2010). Promote Product Reviews of High Quality on E-commerce Sites. *Pacific Asia Journal of the Association for Information Systems, 2*(3), 51-71. Available at: https://aisel.aisnet.org/pajais/vol2/iss3/5
3. Pahnila et al. (2011). Integrating Habit into UTAUT: The Chinese eBay Case. *Pacific Asia Journal of the Association for Information Systems, 3*(2), 1-30. Available at: https://aisel.aisnet.org/pajais/vol3/iss2/2
4. Huang et al. (2012). Motivations for Using Information for Decision making in Virtual Communities: The Moderating Effects of Usage Behavior. *Pacific Asia Journal of the Association for Information Systems, 4*(1), 1-18. Available at: https://aisel.aisnet.org/pajais/vol4/iss1/2
5. Hwang et al. (2014). The Identification of Noteworthy Hotel Reviews for Hotel Management. *Pacific Asia Journal of the Association for Information Systems, 6*(4), 1-17. Available at: https://aisel.aisnet.org/pajais/vol6/iss4/1
6. Issa, T. & Isaias, P. (2014). Human Computer Interaction and Usability in the New Participative Methodology for Marketing Websites. *Pacific Asia Journal of the Association for Information Systems, 6*(3), 47-78. Available at: https://aisel.aisnet.org/pajais/vol6/iss3/3
7. Li et al. (2015). Website Interactivity and Promotional Framing on Consumer Attitudes toward Online Advertising: Functional versus Symbolic Brands. *Pacific Asia Journal of the Association for Information Systems, 7*(2), 41-58. Available at: https://aisel.aisnet.org/pajais/vol7/iss2/3
8. Ku et al. (2016). Effects of Product Type and Recommendation Approach on Consumers' Intention to Purchase Recommended Products. *Pacific Asia Journal of the Association for Information Systems, 8*(2), 1-18. Available at: https://aisel.aisnet.org/pajais/vol8/iss2/2
9. Chan et al. (2016). An Empirical Examination of Continuance Intention of Social Network Sites. *Pacific Asia Journal of the Association for Information Systems, 8*(4), 69-90. Available at: https://aisel.aisnet.org/pajais/vol8/iss4/5
10. Zeng, B. & Yen, B. P.-C. (2016). Evaluating User-System Adaptability in the Use of Web-Based Information Systems through the Model of Access Efficiency. *Pacific Asia Journal of the Association for Information Systems, 8*(3), 1-16. Available at: https://aisel.aisnet.org/pajais/vol8/iss3/2
11. Kumar et al. (2017). Factors Influencing Cloud Computing Adoption by Small and Medium-Sized Enterprises (SMEs) In India. *Pacific Asia Journal of the Association for Information Systems, 9*(3), 25-48. Available at: https://aisel.aisnet.org/pajais/vol9/iss3/3

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12. Thakurta et al. (2018). Understanding Technology Transition at the Individual Level. *Pacific Asia Journal of the Association for Information Systems, 10*(3), 25-60. Available at: https://aisel.aisnet.org/pajais/vol10/iss3/2

IT Strategy, Leadership, and Governance

A successful business transformation in today digital age requires a new look into IT strategy, leadership, and governance to maximize the potential of IS. PAJAIS has published 11 papers about IT strategy, leadership, and governance (see Table 5). Liu et al. (2010) derived a syncretic model for firms' adoption of Internet-enabled SCI by presenting senior executives' cognitions as firms' perceived institutional pressures, and senior executives' values as firms' organizational culture based on the view of upper echelons theory (UET). Chang, Hsiao, and Lue (2011) mentioned that IT business needed to focus on strategic, operational, and social alignments. These three alignments played a critical role in service-oriented IT. Chong and Tan (2012) empirically explored the impacts of socio-technical factors on the effectiveness of IT governance in a collaborative network by examining three IT governance elements: structure, process, and relational mechanism. Ng and Kankanhalli (2012) described how IS deployed effectively for the management and the delivery of a large-scale international event. White and Lafayette (2012) found that manager empowerment, transformational leadership, and personal traits did have a significant effect on the performance of ISD. Organizational structure and culture, however, did not have significant moderating effect in this relationship. Trang, Zander, Kolbe (2015) used contingency theory to develop a model for predicting effective IT governance archetypes. The centrality of decision making was the core concept for classification. Lee and Wang (2016) developed an integrative model to elaborate the effects of power on IOS integration based on the concept of translation, which includes the moments of problematization, interassement, enrollment, and finally to mobilization. Mandal (2016) adopted "enabler - mechanism - outcome (performance)" paradigm and posited trust and commitment as enablers of the integrated logistics capabilities. Chong and Duong (2017) used a case study to examine the impact of IT governance structure, process, and relational mechanisms on a firm's performance. Sarkar, Wingreen, and Cragg (2017) adopted Agency Theory to develop a conceptual framework, focusing on decision making and planning regarding IS resilience. Tanniru, Khuntia, and Weiner (2018) illustrated how digital leadership could be used to transform the culture of a community hospital through IS implementations.

Table 5. Published IS/IT Strategy, Leadership, Governance Papers
1. Liu et al. (2010). Adoption of Internet-enabled Supply Chain Integration: Institutional and Cultural Perspectives. *Pacific Asia Journal of the Association for Information Systems, 2*(4), 29-50. Available at: https://aisel.aisnet.org/pajais/vol2/iss4/3
2. Chang et al. (2011). Assessing IT-business alignment in service-oriented Enterprises. *Pacific Asia Journal of the Association for Information Systems, 3*(1), 29-48. Available at: https://aisel.aisnet.org/pajais/vol3/iss1/3
3. Chong, J. L. L. & Tan, F. B. (2012). IT Governance in Collaborative Networks: A Socio-Technical Perspective. *Pacific Asia Journal of the Association for Information Systems, 4*(2), 31-48. Available at: https://aisel.aisnet.org/pajais/vol4/iss2/3
4. Ng, B. Y. (2012). Information Systems for Large-Scale Event Management: A Case Study. *Pacific Asia Journal of the Association for Information Systems, 4*(3), 15-44. Available at: https://aisel.aisnet.org/pajais/vol4/iss3/3

5. White, L. P. & Lafayette, C. M. (2012). Key Characteristics of a Successful IS Manager: Empowerment, Leadership and personality. *Pacific Asia Journal of the Association for Information Systems, 4*(4), 1-20.
    Available at: https://aisel.aisnet.org/pajais/vol4/iss4/2

6. Trang et al. (2015). The Contingent Role of Centrality in IT Network Governance: An Empirical Examination. *Pacific Asia Journal of the Association for Information Systems, 7*(1), 31-48.
    Available at: https://aisel.aisnet.org/pajais/vol7/iss1/3

7. Lee, N. C. & Wang, E. T. G. (2016). Translation to Inter-Organizational Systems Integration: The Effect of Power and the Mediating Role of the Obligatory Passage Point. *Pacific Asia Journal of the Association for Information Systems, 8*(3), 45-76.
    Available at: https://aisel.aisnet.org/pajais/vol8/iss3/4

8. Mandal, S. (2016). Influence of Partner Relationship and IT Integration on Supply Chain Capabilities: An Empirical Relational Paradigm. *Pacific Asia Journal of the Association for Information Systems, 8*(2), 19-48.
    Available at: https://aisel.aisnet.org/pajais/vol8/iss2/3

9. Chong, J. L. L. & Duong, L. N. K. (2017). Understanding IT Governance Effectiveness in Asia: An Event Study. *Pacific Asia Journal of the Association for Information Systems, 9*(1), 29-54.
    Available at: https://aisel.aisnet.org/pajais/vol9/iss1/3

10. Sarkar et al. (2017). CEO Decision Making under Crisis: An Agency Theory Perspective. *Pacific Asia Journal of the Association for Information Systems, 9*(2), 1-22.
    Available at: https://aisel.aisnet.org/pajais/vol9/iss2/2

11. Tanniru et al. (2018). Hospital Leadership in Support of Digital Transformation. *Pacific Asia Journal of the Association for Information Systems, 10*(3), 1-24.
    Available at: https://aisel.aisnet.org/pajais/vol10/iss3/1

Business Intelligence and Data Analytics

Business intelligence and big data analytics can provide historical, current, and predictive views of business scenarios. With the analysis, company will be able to make appreciate decisions in the changing business world. PAJAIS has published 10 papers related to business intelligence and big data analytics (see Table 6). Chung (2009) reviewed the current market of BI tools and related research, described an approach to support the development of tools that provide high-quality BI, and reported the findings of a user evaluation study of the prototype developed based on the proposed approach. Schroeder, Fang, and Lee (2009) presented a case of a challenging, but to some extent typical, business intelligence (BI) implementation project at Hong Kong International Airport. This case highlighted the diverse knowledge-based challenges encountered during the implementation of the BI system and its implications for the further development of the project. Yang et al.

(2010) proposed two supervised learning techniques: class association rules and naïve Bayes classifiers. These two techniques categorized opinions into appropriate product features and produced a summary of consumer reviews. Parkes (2012) asserted that the target and the source of a decision support message, along with the design of the message itself, acted to influence the persuasiveness of the decision support provided. Hung et al. (2013) developed a system to examine the influence of IT investment on two categories of performance indicators: cost efficiency and profit effectiveness.

Hwang et al. (2014) proposed an approach to identify customer reviews that are noteworthy for hotel management automatically. Sun et al. (2014) proposed an integrated method that threw a new light on the prediction of real estate price in China. They included news sentiments and query data into the forecasting model. Gupta, Kumr, and Bhasker (2017) proposed a heterogeneous, information network based recommendation model for

personalized top-N recommendations to improve the effectiveness of the recommendations. Ali, Miah, and Khan (2018) conducted a theoretical analysis to identify antecedents of BI implementation in the small business context. They aimed to improve the decision-making capability

towards organizational agility. Hou and Gao (2018) adopted the key constructs of Task-Technology Fit theory and the UTAUT as the theoretical lens to deliver a preliminary understanding on why and how managers use mobile BI, from both the managers' and the vendor's perspectives.

Table 6. Published Business Intelligence and Data Analytics Papers
1. Chung, W. (2009). Enhancing Business Intelligence Quality with Visualization: An Experiment on Stakeholder Network Analysis. *Pacific Asia Journal of the Association for Information Systems, 1*(1), 33-53. Available at: https://aisel.aisnet.org/pajais/vol1/iss1/9
2. Schroeder et al. (2009). Managing Knowledge in a Business Intelligence Consulting Project. *Pacific Asia Journal of the Association for Information Systems, 1*(3), 41-65. Available at: https://aisel.aisnet.org/pajais/vol1/iss3/4
3. Yang et al. (2010). Understanding Online Consumer Review Opinions with Sentiment Analysis using Machine Learning. *Pacific Asia Journal of the Association for Information Systems, 2*(3), 73-89. Available at: https://aisel.aisnet.org/pajais/vol2/iss3/7
4. Parkes, A. (2012). Persuasive Decision Support: Improving Reliance on Decision Aids. *Pacific Asia Journal of the Association for Information Systems, 4*(3), 1-13. Available at: https://aisel.aisnet.org/pajais/vol4/iss3/2
5. Hung et al. (2013). The Influence of IT Investment on Business Performance: A Comparative Study of Regression Analysis and Artificial Neural Networks. *Pacific Asia Journal of the Association for Information Systems, 5*(4), 27-59. Available at: https://aisel.aisnet.org/pajais/vol5/iss4/3
6. Hwang et al. (2014). The Identification of Noteworthy Hotel Reviews for Hotel Management. *Pacific Asia Journal of the Association for Information Systems, 6*(4), 1-17. Available at: https://aisel.aisnet.org/pajais/vol6/iss4/1
7. Sun et al. (2014). Combining Online News Articles and Web Search to Predict the Fluctuation of Real Estate Market in Big Data Context. *Pacific Asia Journal of the Association for Information Systems, 6*(4), 19-37. Available at: https://aisel.aisnet.org/pajais/vol6/iss4/2
8. Gupta et al. (2017). Personalized Item Ranking from Implicit User Feedback: A Heterogeneous Information Network Approach. *Pacific Asia Journal of the Association for Information Systems, 9*(2), 23-42. Available at: https://aisel.aisnet.org/pajais/vol9/iss2/3
9. Ali et al. (2018). Antecedents of Business Intelligence Implementation for Addressing Organizational Agility in Small Business Context. *Pacific Asia Journal of the Association for Information Systems, 10*(1), 89-108. Available at: https://aisel.aisnet.org/pajais/vol10/iss1/5
10. Hou, W. & Gao, S. (2018). An Investigation of the Managerial Use of Mobile Business Intelligence. *Pacific Asia Journal of the Association for Information Systems, 10*(3), 87-108. Available at: https://aisel.aisnet.org/pajais/vol10/iss3/4

Design Science and IS

The development of scientifically grounded IT has received increasing attention in recent years. Design science is emerged as an important research

direction in the field of IS. PAJAIS has published 8 papers regarding design science and IS (see Table 7). Tuunanen, Myers, and Cassab (2010) developed a conceptual framework and included six elements of co-creation of consumer value

for consumer information systems development. Sharda et al. (2012) used a design-science approach to develop a virtual technology platform specifically for trade shows that could bring attendees and exhibitors together. Geraci et al. (2013) presented a framework aimed at assessing the capacity of Public Administration bodies (PA) to offer a good quality of information and service on their web portals. Green, Robb, and Rohde (2014) proposed that business value, institutional trust, and future readiness should be included in the D&M model. The authors developed a measurement model rather than a structural or predictive model for system success. Lee and Wang (2014) argued that a greater optimization would be possible if Web service composition could be considered into data manipulation. The

proposed model, the WS-data model, showed that operators' properties could help identify a more efficient way to complete a complex task. Karmokar, Singh, and Tan (2016) adopted a design science approach to develop a new methodology for designing websites that would address the psychological, sociological, and cognitive needs of individual users. Kakar (2017) examined the relevance of applying work design concepts and theories in order to understand the motivating potential of software development methods. Deng and Ji (2017) presented a comprehensive review of existing Design Science Research (DSR) literature. In total, 119 papers were included in the review. The authors identified many research issues which can be examined by future DSR.

Table 7. Published Design Science and IS Papers
1. Tuunanen et al. (2010). A Conceptual Framework for Consumer Information Systems Development. *Pacific Asia Journal of the Association for Information Systems, 2*(1), 47-66. Available at: https://aisel.aisnet.org/pajais/vol2/iss1/5
2. Sharda et al. (2012). A Design Science Approach to Virtual World Implementation of Trade Fairs. *Pacific Asia Journal of the Association for Information Systems, 4*(2), 49-70. Available at: https://aisel.aisnet.org/pajais/vol4/iss2/4
3. Geraci et al. (2013). A Framework to Evaluate Information Quality in Public Administration Website. *Pacific Asia Journal of the Association for Information Systems, 5*(3), 25-42. Available at: https://aisel.aisnet.org/pajais/vol5/iss3/3
4. Green et al. (2014). A Model for Assessing Information Systems Success and its Application to e-Logistics Tracking Systems. *Pacific Asia Journal of the Association for Information Systems, 6*(4), 39-68. Available at: https://aisel.aisnet.org/pajais/vol6/iss4/3
5. Lee, C. H. & Hwang, S. Y. (2014). WS-Data Model: A Data Model for Web Services Composition and Optimization. *Pacific Asia Journal of the Association for Information Systems, 6*(2), 20-47. Available at: https://aisel.aisnet.org/pajais/vol6/iss2/2
6. Karmokar et al. (2016). Using Multidisciplinary Design Principles to Improve the Website Design Process. *Pacific Asia Journal of the Association for Information Systems, 8*(3), 17-44. Available at: https://aisel.aisnet.org/pajais/vol8/iss3/3
7. Kakar, A. K. (2017). Investigating the Motivating Potential of Methods of Software Development: Insights from a Work Design Perspective. *Pacific Asia Journal of the Association for Information Systems, 9*(4), 65-96. Available at: https://aisel.aisnet.org/pajais/vol9/iss4/5
8. Deng, Q. & Ji, S. (2018). A Review of Design Science Research in Information Systems: Concept, Process, Outcome, and Evaluation. *Pacific Asia Journal of the Association for Information Systems, 10*(1), 1-36. Available at: https://aisel.aisnet.org/pajais/vol10/iss1/2

Enterprise Systems and BPM

There is a continuing high implementation rate of enterprise systems in recent decades. The implementation is not only just a deployment of new technology but also a redesign of the business processes and organizational structures. PAJAIS has published 7 papers related to enterprise systems and BPM (see Table 8). Chen and Chou (2009) investigated how ERP performance was affected in the environmental uncertainty according to organizational information processing theory (OIPT). This study concluded that environmental uncertainty would affect organizational context, which in turn would influence ERP overall benefits. Lee and Myers (2009) studied the implementation of an enterprise system in a small-medium sized enterprise. They discussed some of the challenges that organizations would face when trying to make enterprise systems work. Mathrani, Viehland, and Rashid (2009) examined the utilization of Enterprise Systems (ES) technology in New Zealand and their abilities to derive benefits from their ES investment. Hung et al. (2013) investigated of the direct effect of an organizational fit factor on ERP project success, and the moderating effect of organizational adaptation and PM factors on the relationship between organizational fit and ERP success. Marjanovic and Hallikainen (2013) conducted in-depth review of the relevant literature published by the Business Process Management (BPM) and disaster recovery (DR) research communities. They reported the main characteristics of DR processes and the existing research gaps in both BPM and DR. Werth and Valentin (2013) depicted potentials for BPM which were induced by the use of social software. Beckett and Myers (2018) conducted an action research that attempted to change the organizational culture and values in a BPM. They intended to provide a critical perspective on the conceptualization of organizational culture.

Table 8. Published Enterprise Systems and BPM Papers
1. Chen, C. & Chou, S. W. (2009). Impact of Environmental Uncertainty and Organizational Context on ERP Overall Benefits. *Pacific Asia Journal of the Association for Information Systems, 1*(4), 1-23. Available at: https://aisel.aisnet.org/pajais/vol1/iss4/2
2. Lee, D. J. C. & Myers, M. D. (2009). Making Enterprise Systems Work: The Role of Organizational Defensive Routines. *Pacific Asia Journal of the Association for Information Systems, 1*(2), 1-19. Available at: https://aisel.aisnet.org/pajais/vol1/iss2/2
3. Mathrani et al. (2009). Enterprise Systems Maturity: A Practitioners' Perspective. *Pacific Asia Journal of the Association for Information Systems, 1*(3), 25-39. Available at: https://aisel.aisnet.org/pajais/vol1/iss3/3
4. Hung et al. (2013). Enhancing Organizational Fit Factors to Achieve ERP Project Success. *Pacific Asia Journal of the Association for Information Systems, 5*(1), 45-64. Available at: https://aisel.aisnet.org/pajais/vol5/iss1/4
5. Marjanovic, O. & Hallikainen, P. (2013). Disaster Recovery – New Challenges and Opportunities for Business Process Management Research and Practice. *Pacific Asia Journal of the Association for Information Systems, 5*(1), 23-44. Available at: https://aisel.aisnet.org/pajais/vol5/iss1/3
6. Werth, D. & Valentin, C. D. (2013). Business Processes as Social Entities - A Use Case Driven Approach. *Pacific Asia Journal of the Association for Information Systems, 5*(3), 65-84. Available at: https://aisel.aisnet.org/pajais/vol5/iss3/5
7. Beckett, C. & Myers, M. D. (2018). Organizational culture in Business Process Management: The challenge of balancing disciplinary and pastoral power. *Pacific Asia Journal of the Association for Information Systems, 10*(1), 37-62. Available at: https://aisel.aisnet.org/pajais/vol10/iss1/3

IS Implementation, Adoption, and Diffusion

The adoption of IT enables organizations to identify opportunities for innovation and remain competitive in the market. PAJASI recognized the importance of IT in today's distributed and dynamic business environment and has published 7 papers on the related issues (see Table 9). Liu et al. (2010) developed a syncretic model for firms' adoption of Internet-enabled SCI by presenting senior executives' cognitions as firms' perceived institutional pressures, and senior executives' values as firms' organizational culture. Lee et al. (2012) used innovation diffusion theory to develop an adoption model and reflect the unique characteristics and usage contexts of Internet Protocol TV (IPTV). Teh et al. (2014) drew from the TAM to develop a research model concluding four variables of perceived usefulness, perceived ease of use, perceived complexity, and perceived enjoyment. These variables were found to have significant influence on individuals' intention to use touchless system. Friedrich (2016) conducted a systematic review of the empirical literature on the consumers' adoption of social commerce. In particular, this study identified and classified conceptually similar factors and outcome variables (i.e., behavioral intentions and behaviors). Hassandoust, Techatassanasoontorn, and Tan (2016) described a current landscape of IS infusion research, identified areas where a plethora of study exists and suggested where more effort should be focused in the future in order to provide novel insights and contributions. Burgess et al. (2017) explored how Australian SMEs engaged with social media, what stages of adoption they were at, and the factors influencing the adoption or non-adoption of social media in their businesses. Dang, Zhang, and Chen (2018) utilized the DeLone and McLean IS Success Model to examine social media search system.

Table 9. Published IS Implementation, Adoption, and Diffusion Papers
1. Liu et al. (2010). Adoption of Internet-enabled Supply Chain Integration: Institutional and Cultural Perspectives. *Pacific Asia Journal of the Association for Information Systems, 2*(4), 29-50. Available at: https://aisel.aisnet.org/pajais/vol2/iss4/3
2. Lee et al. (2012). Understanding the Adoption of Convergent Services: The Case of IPTV. *Pacific Asia Journal of the Association for Information Systems, 4*(1), 19-48. Available at: https://aisel.aisnet.org/pajais/vol4/iss1/3
3. Teh et al. (2014). Viewing versus Experiencing in Adopting Somatosensory Technology for Smart Applications. *Pacific Asia Journal of the Association for Information Systems, 6*(3), 21-46. Available at: https://aisel.aisnet.org/pajais/vol6/iss3/2
4. Friedrich, T. (2016). On the Factors Influencing Consumers' Adoption of Social Commerce - A Review of the Empirical Literature. *Pacific Asia Journal of the Association for Information Systems, 8*(4), 1-32. Available at: https://aisel.aisnet.org/pajais/vol8/iss4/2
5. Hassandoust et al. (2016). Factors Influencing the Infusion of Information Systems: A Literature Review. *Pacific Asia Journal of the Association for Information Systems, 8*(1), 1-32. Available at: https://aisel.aisnet.org/pajais/vol8/iss1/2
6. Burgess et al. (2017). An Innovation Diffusion Approach to Examining the Adoption of Social Media by Small Businesses: an Australian Case Study. *Pacific Asia Journal of the Association for Information Systems, 9*(3), 1-24. Available at: https://aisel.aisnet.org/pajais/vol9/iss3/2
7. Dang et al. (2018). Adoption of Social Media Search Systems: An IS Success Model Perspective. *Pacific Asia Journal of the Association for Information Systems, 10*(2), 55-78. Available at: https://aisel.aisnet.org/pajais/vol10/iss2/4

Social Media and Business Impact

The utilization of social media in business is a growing trend and it has a great impact on organizations' communication with their customers. PAJAIS has published 7 papers related to social media and business impact (see Table 10). Ahmed and Sinnappan (2013) extended Communities of Practice (CoP) to multiple CoP (MCoPs). They examined the role of social media applications in disaster management. Kruijf (2015) discussed an explorative study of emerging Dalit activism in online realms and provided empirical content to the debates that linked the advance of social media to shifts in citizenship and the manifestation of democracy. Jäger and Leitner (2015) developed a classification scheme based upon four clusters: Social Hacking, Social Scamming, Social Insulting, and Social Agitating for social media crime. Ahmed and Ibrahim (2016) examined the use of Facebook among SMEs in a developing country and extended the existing understanding of how SMEs would create business value by using Facebook. Tajudeen, Jaafar, and Sulaiman (2016) examined the impact of social media on information accessibility and found that factors of interactivity, trust, and institutional pressure positively influenced social media usage in organizations. Song et al. (2017) investigated the cultural differences between China and Korea and provided additional country-specific understandings that were helpful for global companies to tailor their SNS brand page strategies for different cultures. Dang, Zhang and Chen (2018) utilized the DeLone and McLean IS Success Model to examine social media search system.

Table 10. Published Social Media and Business Impact Papers
1. Ahmed, A. & Sinnappan, S. (2013). The Role of Social Media during Queensland Floods: An Empirical Investigation on the Existence of Multiple Communities of Practice (MCoPs). *Pacific Asia Journal of the Association for Information Systems, 5*(2), 1-22. Available at: https://aisel.aisnet.org/pajais/vol5/iss2/2
2. De Kruijf, J. G. (2015). The Dalit I Define: Social Media and Individualized Activism in Subaltern Spheres. *Pacific Asia Journal of the Association for Information Systems, 7*(4), 11-24. Available at: https://aisel.aisnet.org/pajais/vol7/iss4/3
3. Jäger, B. & Leitner, P. (2015). Innovative Approaches and Solutions to Understand, Identify and Tackle Social Media Crime. *Pacific Asia Journal of the Association for Information Systems, 7*(4), 1-10. Available at: https://aisel.aisnet.org/pajais/vol7/iss4/2
4. Ahmed A. & Ibrahim, M. (2016). Business Value of Facebook: A Multiple Case Study from a Developing Country. *Pacific Asia Journal of the Association for Information Systems, 8*(4), 53-68. Available at: https://aisel.aisnet.org/pajais/vol8/iss4/4
5. Tajudeen et al. (2016). Role of Social Media on Information Accessibility. *Pacific Asia Journal of the Association for Information Systems, 8*(4), 33-52. Available at: https://aisel.aisnet.org/pajais/vol8/iss4/3
6. Song et al. (2017). Factors Motivating Customers' SNS Brand Page Behaviors: A Comparison Between China and Korea. *Pacific Asia Journal of the Association for Information Systems, 9*(4), 25-50. Available at: https://aisel.aisnet.org/pajais/vol9/iss4/3
7. Dang et al. (2018). Adoption of Social Media Search Systems: An IS Success Model Perspective. *Pacific Asia Journal of the Association for Information Systems, 10*(2), 55-78. Available at: https://aisel.aisnet.org/pajais/vol10/iss2/4

Cultural and Global Issues in IS

IT-grounded issues are of a complex context, and they will need unique perspectives to examine the role of IT in the different regions and countries. PAJAIS has published 5 papers regarding cultural and global issues in IS (see Table 11). Huang, Hu and Lu (2009) applied the business ecosystem theory as the theoretical lens to explore the phenomenon of e-business growth in China. Tuunanen et al. (2011) designed and tested a method of identifying and contacting the lead users. They employed laddering interviews for subsequent data collection in Finland and Hong Kong. Song et al. (2017) investigated motivating factors influencing SNS brand page users' participation and commitment and the subsequent impact on purchase intention. Potential cultural differences between Chinese and Korean users were also examined, according to Hofstede's culture framework. Beckett and Myers (2018) looked at one organizational issue in particular: the organizational culture in BPM. They conducted an action research that attempted to change the organizational culture and values in a BPM project. The results revealed that BPM's current conceptualization of organizational culture was potentially problematic. Wang and Carte (2018) examined the cultural differences in technology preference in terms of task perception and task response.

Table 11. Published Cultural and Global Issues in IS Papers
1. Huang et al. (2009). E-business Ecosystem and its Evolutionary Path: The Case of the Alibaba Group in China. *Pacific Asia Journal of the Association for Information Systems, 1*(4), 25-36. Available at: https://aisel.aisnet.org/pajais/vol1/iss4/3
2. Tuunanen et al. (2011). A Method for Recruitment of Lead users from Virtual Communities to Innovate IT Enabled Services for Consumers in Global Markets. *Pacific Asia Journal of the Association for Information Systems, 3*(2), 31-56. Available at: https://aisel.aisnet.org/pajais/vol3/iss2/3
3. Song et al. (2017). Factors Motivating Customers' SNS Brand Page Behaviors: A Comparison Between China and Korea. *Pacific Asia Journal of the Association for Information Systems, 9*(4), 25-50. Available at: https://aisel.aisnet.org/pajais/vol9/iss4/3
4. Beckett, C. & Myers, M. D. (2018). Organizational culture in Business Process Management: The challenge of balancing disciplinary and pastoral power. *Pacific Asia Journal of the Association for Information Systems, 10*(1), 37-62. Available at: https://aisel.aisnet.org/pajais/vol10/iss1/3
5. Wang, N. & Carte, T. A. (2018). Face Challenging Perception and Media Feature Preference for The Task of Delivering Bad News: A Cross-Cultural Comparison. *Pacific Asia Journal of the Association for Information Systems, 10*(2), 1-24. Available at: https://aisel.aisnet.org/pajais/vol10/iss2/2

IS Security and Privacy

Individual users and organizations are threatened by cyber-attacks that have become more sophisticated than ever. Since personal information and company data are under a greater risk of privacy breaches, IS security and privacy has become increasingly important in today's business environment. PAJAIS has published 5 papers in the area of IS security and privacy (see Table 12). Kshetri (2011) drew upon literature on diverse areas such as institutional theory, marketing and criminology to examine how various institutions from the standpoint of SM superimpose in a unique interaction with SM related technologies' natures that influence businesses' and consumers' privacy and security. Malandrin and Carvalho (2013) offered a new perspective to see the typical Information Security Management System (ISMS). They suggested to consider the new technological scenario not only during the risk analysis review but also in the entire

security planning process. Callegati et al. (2015) highlighted the privacy threats that could emerge from sharing or publishing the data related to public mobility tickets. Jäger and Leitner (2015) developed a classification scheme based upon four clusters: social hacking, social scamming, social insulting and social agitating. They elaborated how social media could be

mainly used within a particular crime phenomenon. Prevention strategies for social media crime were offered as well. Maynard, Onibere, and Ahmad (2018) conducted a systematic literature review in the disciplines of information security and strategic management. They planned to identify specific attributes required by Chief Information Security Officer (CISOs).

Table 12. Published IS Security and Privacy Papers
1. Kshetri, N. (2011). Privacy and Security Aspects of Social Media: Institutional and Technological Environment. *Pacific Asia Journal of the Association for Information Systems, 3*(4), 1-20. Available at: https://aisel.aisnet.org/pajais/vol3/iss4/2
2. Malandrin & Carvalho (2013). Maintaining Information Security in the New Technological Scenario. *Pacific Asia Journal of the Association for Information Systems, 5*(3), 43-64. Available at: https://aisel.aisnet.org/pajais/vol5/iss3/4
3. Callegati et al. (2015). Privacy-Preserving Design of Data Processing Systems in the Public Transport Context. *Pacific Asia Journal of the Association for Information Systems, 7*(4), 25-50. Available at: https://aisel.aisnet.org/pajais/vol7/iss4/4
4. Jäger, B. & Leitner, P. (2015). Innovative Approaches and Solutions to Understand, Identify and Tackle Social Media Crime. *Pacific Asia Journal of the Association for Information Systems, 7*(4), 1-10. Available at: https://aisel.aisnet.org/pajais/vol7/iss4/2
5. Maynard et al. (2018). Defining the Strategic Role of the Chief Information Security Officer. *Pacific Asia Journal of the Association for Information Systems, 10*(3), 61-86. Available at: https://aisel.aisnet.org/pajais/vol10/iss3/3

IS Smart/IoT

IoT facilitates the connection among physical devices through the internet. Devices can collect and share the user data, which were useful information for organizations to perform deeper analysis for business decision making. PAJAIS has published 5 IoT-related papers (see Table 13). Kürschner et al. (2010) presented a case study of an RFID-based work-in-progress container tracking system at a confectionery manufacturer. Ruta et al. (2010) presented an approach to carry out an advanced object discovery system, using semantic metadata stored in RFID tags without a physical knowledge bases. Soon and Gutiérrez (2010) researched on

the adoption of RFID in New Zealand's supply chains. Three ability factors were found to be significant in the adoption of this new technology: compatibility, facilitating condition, and readiness. Zhang, Nickels, and Stafford (2010) provided an introduction to RFID technology and surveyed a variety of its applications. They examined and discussed the impact of RFID technology on organizational IT infrastructure, business intelligence, and decision-making. Teh et al. (2014) drew from the TAM to develop a research model constituting four variables (i.e., perceived usefulness, perceived ease of use, perceived complexity and perceived enjoyment) influence on individuals' intention to use the touchless system.

Table 13. Published IS Smart/IoT Papers
1. Kürschner et al. (2010). Implementing RFID in Production Systems: A Case Study from a Confectionery Manufacturer. *Pacific Asia Journal of the Association for Information Systems, 2*(2), 19-42. Available at: https://aisel.aisnet.org/pajais/vol2/iss2/4
2. Ruta et al. (2010). A Ubiquitous Knowledge-based System to Enable RFID Object Discovery in Smart Environments. *Pacific Asia Journal of the Association for Information Systems, 2*(3), 21-49. Available at: https://aisel.aisnet.org/pajais/vol2/iss3/4
3. Soon, C. B. & Gutiérrez, J. A. (2010). RFID Technology Adoption in New Zealand's Supply Chains: A Case Study Approach. *Pacific Asia Journal of the Association for Information Systems, 2*(2), 43-66. Available at: https://aisel.aisnet.org/pajais/vol2/iss2/5
4. Zhang et al. (2010). Understanding the Organizational Impact of Radio Frequency Identification Technology: A Holistic View. *Pacific Asia Journal of the Association for Information Systems, 2*(2), 1-17. Available at: https://aisel.aisnet.org/pajais/vol2/iss2/3
5. Teh et al. (2014). Viewing versus Experiencing in Adopting Somatosensory Technology for Smart Applications. *Pacific Asia Journal of the Association for Information Systems, 6*(3), 21-46. Available at: https://aisel.aisnet.org/pajais/vol6/iss3/2

Knowledge Management

With the rapid development of social media, mobile, and IoT, new IT application has been accelerating the sharing of information among individuals and organizations. Knowledge management has expanded its scope, and business managers were forced to learn how to effectively analyze diverse information. PAJAIS has published 5 papers on the issues related to knowledge management (see Table 14). Liu and Wang (2009) proposed an analytical framework to investigate the control of knowledge and what workers have achieved in a translation agency. Schroeder, Fang, and Lee (2009) described the situation of a challenging BI implementation project at Hong Kong International Airport. The case highlighted the diverse knowledge-based challenges encountered during the implementation of the BI system and its implications for the further development of the project. Feng, Ye, and Pan (2011) proposed a process framework to demonstrate the actual processes in which knowledge was delivered across boundaries between vendors and clients in the offshore arrangements. Liu et al. (2011) used the social exchange theory as the basis to develop an extended model to explain knowledge-sharing behavior. OuYang (2017) adopted a contingency approach to examine the relationship between knowledge management capabilities and a firm's performance, as well as the roles of eight contingency factors.

Table 14. Published Knowledge Management Papers
1. Liu, G. H. W. & Wang, E. T. G. (2009). When High Touch Meets Low Tech: Knowledge Management in a Small Enterprise. *Pacific Asia Journal of the Association for Information Systems, 1*(2), 20-37. Available at: https://aisel.aisnet.org/pajais/vol1/iss2/3
2. Schroeder et al. (2009). Managing Knowledge in a Business Intelligence Consulting Project. *Pacific Asia Journal of the Association for Information Systems, 1*(3), 41-65. Available at: https://aisel.aisnet.org/pajais/vol1/iss3/4

3. Feng et al. (2011). Delivering Knowledge Across Boundaries: A Case Study of Bankco's Offshoring Projects. *Pacific Asia Journal of the Association for Information Systems, 3*(3), 57-79. Available at: https://aisel.aisnet.org/pajais/vol3/iss3/4
4. Liu et al. (2011). Knowledge Sharing as Social Exchange: Evidence from a Meta-Analysis. *Pacific Asia Journal of the Association for Information Systems, 3*(4), 21-47. Available at: https://aisel.aisnet.org/pajais/vol3/iss4/3
5. OuYang, Y. C. (2017). Information System Capabilities and Organizational Performance: Comparing Three Models. *Pacific Asia Journal of the Association for Information Systems, 9*(1), 1-28. Available at: https://aisel.aisnet.org/pajais/vol9/iss1/2

ICT/Digital platform/IT and Work

The application of IT in business has been developing new services, lowering operational costs, and creating solutions to new challenges. PAJAIS has published 4 papers on the issues of ICT (see Table 15). Yuhashi and Iijima (2010) provided a management strategy for the communication among employees and organizational collaboration. They used an ICT system integrator as a case and found that if collaboration spreads in a company that has to strategically utilize knowledge creation to respond to the market, the management of situations in which collaboration arises in relation to its communication may lead to competitive advantages. Sharda et al. (2012) described a design-science approach to the development of a virtual world technology platform specifically aimed at creating virtual tradeshow events that bring show attendees and exhibitors together. Hsu and OuYang (2013) examined how part-time marketers use tourism blogs to conduct relationship marketing with their customers. Prasad et al. (2013) discussed the antecedents of the current stage of regional integration, and the stakeholders' perceived benefits of an IT resources in the South Pacific.

Table 15. Published ICT/Digital platform/IT and Work Papers
1. Yuhashi, H. & Iijima, J. (2010). The Power to Activate a Creative Core in Enterprise. *Pacific Asia Journal of the Association for Information Systems, 2*(2), 67-88. Available at: https://aisel.aisnet.org/pajais/vol2/iss2/6
2. Sharda et al. (2012). A Design Science Approach to Virtual World Implementation of Trade Fairs. *Pacific Asia Journal of the Association for Information Systems, 4*(2), 49-70. Available at: https://aisel.aisnet.org/pajais/vol4/iss2/4
3. Hsu, C. & OuYang, S. (2013). Achieving Online Relationship Marketing via Tourism Blogs: A Social Network Perspective. *Pacific Asia Journal of the Association for Information Systems, 5*(4), 1-25. Available at: https://aisel.aisnet.org/pajais/vol5/iss4/2
4. Prasad et al. (2013). On Facilitating Regional Integration and Economic Development with Collaborative Technologies in the South Pacific. *Pacific Asia Journal of the Association for Information Systems, 5*(2), 23-37. Available at: https://aisel.aisnet.org/pajais/vol5/iss2/3

IS Healthcare

Healthcare information systems (HIS) implementation are expected to reduce medical errors, shrink operational costs, and boost the quality of services. The implementation of the advanced HIS requires a new understanding of how to deal with data security, medical services, and IT-enabled benefits. PAJAIS has published 4 papers on the issues related to HIS (see Table 16). Lin et al. (2014) built a multi-agent simulation system to predict possible outcomes under differently tuned conditions. Masrom and Rahimly (2015) investigated the use of the technology innovation in the healthcare sector. They also described the security issues existing

in the current HIS. Khuntia et al. (2016) argued that differences in the call response time were influenced by two operational attributes of care units: velocity and uncertainty. These attributes would determine how the nursing staff viewed both the need and the urgency associated

with the calls. Liu (2017) reviewed 24 papers published in information and computing sciences, biomedical engineering, and medicine and health sciences journals to identify and classify current research themes related to data completeness in healthcare.

Table 16. Published IS Healthcare Papers
1. Lin et al. (2014). An Exploration of Capitation Payments for Healthcare Services Using a Multi-agent Simulation. *Pacific Asia Journal of the Association for Information Systems, 6*(2), 1-19.   Available at: https://aisel.aisnet.org/pajais/vol6/iss2/1
2. Masrom, M. & Rahimly, A. (2015). Overview of Data Security Issues in Hospital Information Systems. *Pacific Asia Journal of the Association for Information Systems, 7*(4), 51-66.   Available at: https://aisel.aisnet.org/pajais/vol7/iss4/5
3. Khuntia et al. (2016). Information Systems Impact on Nurse Call Response – Role of Velocity and Uncertainty. *Pacific Asia Journal of the Association for Information Systems, 8*(1), 33-64.   Available at: https://aisel.aisnet.org/pajais/vol8/iss1/3
4. Liu et al. (2017). Data Completeness in Healthcare: A Literature Survey. *Pacific Asia Journal of the Association for Information Systems, 9*(2), 75-100.   Available at: https://aisel.aisnet.org/pajais/vol9/iss2/5

IT Project Management

The investments of complex IS implementation and software development are increasing today so stakeholders are having high expectations on IT project managers. There is a great need for upgrading the overall quality of system implementation or software development. PAJAIS has published 4 papers in the area of IT project management (see Table 17). Beranek, Klein,and Jiang (2014) formulated and tested a theoretical framework for user engagement in software development projects. Researchers were interested to find out what measurements could be used to make a user productively engaged, and whether intensive activities in a job

engagement framework would support the achievement of success. Elias and Mathew (2015) developed a system model to interpret the complex inter-firm relationships in offshore IT outsourcing between India and New Zealand. Their findings revealed the reasons for the low degree of IT outsourcing between India and New Zealand. Thakurta (2017) studied the different motives of user participation in IS projects. The investigation used multivariate data analysis to propose a dimensional representation of user participation motives in the context of IS projects. Cheung et al. (2018) investigated the impacts of IT architecture on supply chain capabilities and firm performance. They also examined the effects of lean and agile supply chain strategies.

Table 17. Published IT Project Management Papers
1. Beranek et al. (2014). Building User Engagement for Successful Software Projects: Meaningfulness, Safety, and Availability. *Pacific Asia Journal of the Association for Information Systems, 6*(3), 1-20.   Available at: https://aisel.aisnet.org/pajais/vol6/iss3/1
2. Elias, A. A. & Mathew, S. K. (2015). Offshore IT Outsourcing between India and New Zealand: A Systemic Analysis. *Pacific Asia Journal of the Association for Information Systems, 7*(3), 33-54. Available at: https://aisel.aisnet.org/pajais/vol7/iss3/3

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3.	Thakurta, R. (2017). Identifying the Motives for User Participation in Information System Projects. *Pacific Asia Journal of the Association for Information Systems, 9*(3), 67-96. Available at: https://aisel.aisnet.org/pajais/vol9/iss3/5
4.	Cheung et al. (2018). Lean vs. Agile Supply Chain: The Effect of IT Architectures on Supply Chain Capabilities and Performance. *Pacific Asia Journal of the Association for Information Systems, 10*(1), 63-88. Available at: https://aisel.aisnet.org/pajais/vol10/iss1/4

Service Science and IS

Business services have been mainly supported by IT today. IT enables multiple buyers and sellers to engage in the co-creation of customized services. PAJAIS has published 4 papers regarding service science and IS (see Table 18). Chen and Vargo (2010) made an explicit link between service-dominant (S-D) logic and design science in order to upgrade service-oriented IS design. This kind of design was affected by the indeterminacy of the design problems and outcome measures. Sorathia, Pires, and Sinderen (2010) analyzed the most relevant service ontologies for their suitability to cope with the service semantic interoperability challenge. Hidayanto et al. (2013) analyzed the service quality of property websites in Indonesia in order to help website owners in evaluating their websites. They further identified important features of property websites by asking the respondents to rate the importance of each feature. Ho, Chen, and Luo (2015) investigated the critical factors that affected consumers' satisfaction and the continuing use of Social Location-based Service (SLBS). Based on expectation confirmation theory (ECT), the authors used the features of SLBS to examine performance, expectation, satisfaction, and continuance of SLBS.

Table 18. Published Service Science and IS Papers
1. Chen, H. M. & Vargo, S. L. (2010). Service - Oriented Challenges for Design Science: Charting the"E"-volution. *Pacific Asia Journal of the Association for Information Systems, 2*(1), 1-15. Available at: https://aisel.aisnet.org/pajais/vol2/iss1/3
2. Sorathia et al. (2010). An Analysis of Service Ontologies. *Pacific Asia Journal of the Association for Information Systems, 2*(1), 17-46. Available at: https://aisel.aisnet.org/pajais/vol2/iss1/4
3. Hidayanto et al. (2013). A Study of Service Quality and Important Features of Property Websites in Indonesia. *Pacific Asia Journal of the Association for Information Systems, 5*(3), 1-24. Available at: https://aisel.aisnet.org/pajais/vol5/iss3/2
4. Ho et al. (2015). What Users Want: the Factors that Determine the Retention of Social Location-Based Services. *Pacific Asia Journal of the Association for Information Systems, 7*(1), 49-78. Available at: https://aisel.aisnet.org/pajais/vol7/iss1/4

Social and Organizational Aspects of IS

The use and the adoption of IT have profound impacts on individuals, organizations and societies. Important issues regarding the human and social aspects of designing, developing, and implementing IT have been acknowledged. PAJAIS has published 4 papers in this related fields (see Table 19). Hobbs and Scheepers (2010) contrasted the agility perspective from a widely used industry framework with research perspectives on agility in the IS literature. This research suggested Beer's Viable System Model is a useful meta-level theory to house agility elements from IS research literature, and applied VSM principles to identify the structure required of the IT function. Bi, Kam, and Smyrnios (2011) investigated IT

capability as a network of tightly-linked constructs driven by the use of e-business centric IT expertise to identify and select appropriate IT infrastructure to develop a task-oriented back-end and a user-friendly multifunctional front-end. Amrollahi, Ghapanchi and Talaei-Khoei (2013) employed a systematic review of strategic information system planning (SISP) for 12 top ranking IS journals in the past 10 years in order to classify them based on their

focus levels, research topics, and research methods. Drawing from the power perspective, Fang and Chiu (2014) investigated the effects of transactional-relational PCVs on distinct emotional and behavioral responses. Their findings linked the theories of PCV, and emotions. They also developed a model that explained consumers' coping behaviors toward the double deviation effect in online auctions.

Table 19. Published Social and Organizational Aspects of IS Papers
1. Hobbs, G. & Scheepers, R. (2010). Agility in Information Systems: Enabling Capabilities for the IT Function. *Pacific Asia Journal of the Association for Information Systems, 2*(4), 1-27.   Available at: https://aisel.aisnet.org/pajais/vol2/iss4/2
2. Bi et al. (2011). Building IT Capability to Increase Organizational Performance: A Path-Oriented Process. *Pacific Asia Journal of the Association for Information Systems, 3*(3), 29-56.   Available at: https://aisel.aisnet.org/pajais/vol3/iss3/3
3. Amrollahi et al. (2013). A Systematic Literature Review on Strategic Information Systems Planning: Insights from the Past Decade. *Pacific Asia Journal of the Association for Information Systems, 5*(2), 39-66.   Available at: https://aisel.aisnet.org/pajais/vol5/iss2/4
4. Fang, Y. H. & Chiu, C. M. (2014). Exploring Online Double Deviation Effect from Psychological Contract Violation, Emotion, and Power Perspectives. *Pacific Asia Journal of the Association for Information Systems, 6*(1), 39-65.   Available at: https://aisel.aisnet.org/pajais/vol6/iss1/4

Topics Received Less Attention

A summary of PAJAIS publications reveals that some of topics receive less attention than they deserve (see Table 20). Two papers related to E-Finance have been published by PAJAIS. Yang, Huang and Su (2017) explored the intention to purchase virtual goods and examined the critical successful factors in LINE stickers. Kumar, Israel, and Malik (2018) developed a model that encompassed the attributes of Expectation Confirmation Theory (ECT) and Self-determination Theory (SDT). They aimed to investiagate the usage behavior of mobile banking apps in a multi-faceted business environment. Two paper related to E-Government have been published to PAJAIS. Geraci et al. (2013) presented a framework to assess the capacity of Public Administration bodies (PA) to offer a good quality of information and service on their web portals. Alam (2016) studied how the federal government was engaging on FB

and what insights could be provided in terms of transforming government service delivery.

The application of new technologies can bring new teaching styles and methods for teachers and students. PAJAIS has published two papers addressing e-learning and online education. Koh and Lim (2011) examined Wikis in the context of collaborative learning projects. A theoretical model was developed using the lens of the functional perspective. They proposed that Wikis could positively affect outcomes of academic learning and self-reported learning. Bromberg et al (2013) explored the process of using digital storytelling in an introductory IS under-graduate course. In addition, PAJAIS has threes article offering new methodological insights to IS research. Hui (2012) presented a procedure to correct the inter-construct correlations and R^2 values to account for the effects of directional context

in comparative experimental studies. Jiang et al. (2012) examined whether a MIMIC model would reduce interpretational confounding and exhibits consistent proportional structural effects for exogenous formatively-measured constructs. Sen, Nelson, and Subramaniam (2015) used survival analysis in open source data to explore the impacts of open source software (OSS) on the amount of time it would take to release a stable software version.

Table 20 Topics Received Less Attention	
E-Finance/ Economics of IS	1. Yang et al. (2017). Are Consumers More Willing to Pay for Digital Items in Mobile Applications? Consumer Attitudes toward Virtual Goods. *Pacific Asia Journal of the Association for Information Systems, 9*(4), 51-64. Available at: https://aisel.aisnet.org/pajais/vol9/iss4/4
	2. Kumar et al. (2018). Explaining customer's continuance intention to use mobile banking apps with an integrative perspective of ECT and Self-determination theory. *Pacific Asia Journal of the Association for Information Systems, 10*(2), 79-112. Available at: https://aisel.aisnet.org/pajais/vol10/iss2/5
E-Government	1. Geraci et al. (2013). A Framework to Evaluate Information Quality in Public Administration Website. *Pacific Asia Journal of the Association for Information Systems, 5*(3), 25-42. Available at: https://aisel.aisnet.org/pajais/vol5/iss3/3
	2. Alam S. L. (2016). Empirical Analysis of Posts and Interactions: A case of Australian Government Facebook Pages. *Pacific Asia Journal of the Association for Information Systems, 8*(4), 91-110. Available at: https://aisel.aisnet.org/pajais/vol8/iss4/6
IS Education and Learning	1. Koh, E. & Lim, J. (2011). Effectiveness of Wikis for Team Projects in Education. *Pacific Asia Journal of the Association for Information Systems, 3*(3), 1-28. Available at: https://aisel.aisnet.org/pajais/vol3/iss3/2
	2. Bromberg et al. (2013). Engaging Students: Digital Storytelling in Information Systems Learning. *Pacific Asia Journal of the Association for Information Systems, 5*(1), 1-22. Available at: https://aisel.aisnet.org/pajais/vol5/iss1/2
Research Methods and Philosophy	1. Hui, W. (2012). Item Context Effects in IS Survey Research. *Pacific Asia Journal of the Association for Information Systems, 4*(4), 21-42. Available at: https://aisel.aisnet.org/pajais/vol4/iss4/3
	2. Jiang et al. (2012). Fully Mediated Effects of Formative Measures Using MIMIC Constructs. *Pacific Asia Journal of the Association for Information Systems, 4*(2), 1-30. Available at: https://aisel.aisnet.org/pajais/vol4/iss2/2
	3. Sen et al. (2015). Application of Survival Model to Understand Open Source Software Release. *Pacific Asia Journal of the Association for Information Systems, 7*(2), 1-24. Available at: https://aisel.aisnet.org/pajais/vol7/iss2/1

Discussion

As editors of Pacific Asia Journal of the Association for Information Systems, we encourage more submissions on relatively unexplored categories, with innovative research methods. Through innovative research method, a vast potential of extending our discipline-specific body of knowledge will be offered. For example, IT-enabled innovation in financial services is growing rapidly, showing opportunities for scholars who are interested to explore Fintech innovation, security and privacy, and blockchain-based solutions. We welcome scholars who study Fintech-related topics to submit their cutting-edge research papers. They can be conceptual, theoretical, or empirical. The recommended topics are Fintech management, cryptocurrency, Fintech security, trust management, Big data and blockchain analytics.

PAJAIS is the official publication of the Association for Information System (AIS), a prestigious professional association for global scholars who lead and promote excellence in IS research. Authors who publish research in PAJAIS can enjoy several advantages. First, the accepted articles will have complete access online immediately upon publication. They will be retrievable on the PAJAIS website (https://journal.ecrc.nsysu.edu.tw/index.php/pajais/index). Accepted articles will also become available to readers for non-commercial use for the purpose of dispersion. Authors can be assured of increased global visibility upon publication. Second, the most popular PAJAIS articles will be recommended to AIS website (https://aisel.aisnet.org/pajais/topdownloads.html). Authors will receive credits for their excellent work and build up relationship with the community. Third, the PAJAIS submission system (https://mc.manuscriptcentral.com/pajais) can expedite the process of reviewing manuscripts and diminish the gap between submission and publication. Last, PAJAIS invites prestigious scholars to serve as advisory board members and senior editors. Authors will receive the highest quality of reviewing and guidance for their research.

In sum, the published articles in PAJAIS are categorized in order to provide our future authors a reference of how to connect their studies with PAJAIS. It is critical for future authors to develop their studies based on the literature in PAJAIS so that they can join the research conversations. We believe that this can be an interactive approach to optimize the contribution and the impact of PAJAIS in academic communities.