Call for Papers

Special Section: Curating Key Research Trends in Information Systems Research

Communications of the Association for Information Systems

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Since the beginning of information systems (IS) in 1960's, the area has rapidly developed into a core field of business operations. Diversity and quality of research have increased significantly. The Association for Information Systems (AIS), as the major professional organization, has contributed substantially to the development of new knowledge and the coherence of our community. AIS has launched six journals and maintain AIS's e-library with millions of downloads a year. After decades of growth, it is time to provide a comprehensive review of the knowledge associated with key IS research topics and potential future directions. The purpose of this Special Section of the Communications of the Association for Information Systems (CAIS) will focus on building a knowledge curation in our community.

Papers are expected to comprehensively cover existing research in journals, conferences, and the so-called grey literature (e.g., unpublished sources if available). Recent research shows that key word searches are poor at finding relevant prior research (Larsen, et al., 2019), so papers will be expected to use better approaches such as reverse citation search with random selection (see Larsen, et al., 2019).

Analysis methods are open and may include qualitative review, meta-analysis, bibliometric analysis, and others. Systematic reviews of literature can provide a state-of-the-art understanding from the topical domain and facilitate the theoretical advancement (Shaw & Ertug, 2017; Palmatier, Houston & Hullund, 2018). Meta-analysis is a quantitative approach for synthesizing the empirical findings from single studies to better estimate true effects, which can allow new conclusions to be made from long-standing debates (Cram, D'Arcy & Proudfoot 2019; Shaw & Ertug, 2017). Aggregative reviews can identify research gaps and suggest new directions for a given topic with reference to methodology, theory and contexts (Gerow, Grover, Thatcher & Roth, 2014; Shaw & Ertug, 2017). Other review methodologies can also help researchers keep track of research findings and develop a more comprehensive understanding of a key topic. Narrative reviews can provide a summary of the literature that describes the state of a specific theme from a theoretical and contextual point of view, development reviews can develop innovative ideas to the topic of interest grounded in previous research, and cumulative reviews can generalize inferences to a particular population of studies (Templier & Paré 2015). Bibliographic studies facilitate the development of a given topic through conducting an exhaustive literature search and exploring the relationships and patterns among a number of individual studies.

Topics suitable for this special issue can be on an important phenomenon (e.g., trust or technology adoption) or an important theory in IS. In contrast, the special section is NOT for proposing new review methodology, nor for descriptive analysis of paper distributions. Papers that have a narrow focus in

coverage (e.g., research in top journals only) will also not be considered. Papers for reporting publication profiles will not be accepted either. It is important that a review contributes toward new insight.

Submission and Review

Interested authors are invited to submit a one-page proposal to Jacob Tsai (jtsai@yuntech.edu.tw) to describe the topic and structure of the paper. Proposals of high quality will be invited to submit a full paper for further review.

Proposals and full papers should be in English. Author guidelines for submission to the CAIS are available at http://aisel.aisnet.org/cais/format.html.

All full papers should be submitted to the online review system of CAIS. Authors should select "Special section" as the submission category.

Topics in any areas of IS (e.g., economic, behavioral, managerial and design) are invited. Full papers will be reviewed by knowledgeable scholars. The review process will follow standard CAIS procedures.

Tentative Schedule

- March 1, 2020: One-page proposal due

- September 1, 2020: Full paper due

- October 15, 2020: First-run review notification

- March 1, 2021: Revised paper due

- April 1, 2021: Second-run review notification

- July 1, 2021: Final acceptance notification

References

Cram, A., D'Arcy, J. & Proudfoot, J. (2019). Seeing the forest and the trees: A meta-analysis of the antecedents of information security policy compliance. *MIS Quarterly*, 43(2), 525-554.

Larsen, K., Hovorka, D., West, J. & A. R. Dennis, (2019). Understanding the elephant: The discourse approach to boundary identification and corpus construction for theory review articles. *Journal of the Association for Information Systems*, 20(7), 887-927.

Gerow, J.E., Grover, V., Thatcher, J.B. & Roth, P.L. (2014). Looking toward the future of IT-business strategic alignment through the past: A meta-analysis. *MIS Quarterly* 38(4): 1059-1085.

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Shaw, J. D., & Ertug, G. (2017). The suitability of simulations and meta-analyses for submissions to academy of management journal. *Academy of Management Journal*, 60(6), 2045-2049.

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