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Using New Lenses in Information Systems Research

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1 Editorial

JITTA has developed a profile as a journal that supports timely and novel contributions to information systems research and practice. In an earlier editorial, we referred to the importance of researching new and emerging phenomena and giving such contributions a home in the wider basket of information systems journals (vom Brocke 2014). For instance, *JITTA* introduced special sections on topics such as human-centered IS and neuro IS, business process management, and big data analytics. In so doing, *JITTA* facilitates the academic discourse on emerging topics to foster development of the information systems core.

Studying not only studying new topics but also established topics through a novel lens, such as applying new research methods or conceptualizations, can create new insights and solutions to problems that we have not been able to solve using the extant school of thought. We are happy to present two papers in this issue that use such new lenses.

In the first paper, “Understanding Coordination in the Information Systems Domain: Conceptualization and Implications”, Lars Taxén of Sweden’s Linköping University and René Riedel of Upper Austria’s University of Applied Sciences and University of Linz present a new conceptualization of coordination in the information systems field that builds on neurobiological predispositions for coordinating actions. They discuss six activity modalities (contextualizing, objectifying, spatializing, temporalizing, stabilizing, and transiting), all of which, they argue, must function to ensure successful coordination. The paper provides for research a high-level theory that is independent from a specific level of analysis to explain the success or failure of coordination. For practice, it provides guidelines for designing organizational interventions and IT artifacts.

In the second paper, “Reasoning about the Discontinuance of Information System Use”, Jan Recker of Australia’s Queensland University of Technology develops a theoretical contribution to understanding when and why individuals intend to stop using an information system. While previous studies have extensively studied aspects of IS adoption and use, this paper offers a new lens in presenting the factors that lead to discontinuation and suggests that one can view such intentions as an opposite but unique alternative to continuing to use the system. The findings extend extant contributions on theories of IS adoption and use and provide information to practitioners who are involved in decisions about information systems and the design and change of work routines.

I extend my sincere thanks to all authors, reviewers, and editors who were involved in the editorial process of this issue. I hope our readers will find that the papers provide new lenses through which to consider important information systems topics.

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