

Information Technology and Innovation

Special Issue Editors

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Submission Deadline: September 30, 2014

Scope and Focus of the Special Issue

The objective of this special issue is to provide a forum for IS and other business scholars to engage in this important dialogue on IT and innovation and to contribute to the development of cumulative knowledge in this pivotal area. We welcome research that focuses on

1. Applying existing/emergent IS theoretical perspectives to inform on how the infusion of IT reshapes innovation ecosystems, processes, models, platforms/architectures, and outcomes
2. Proposing conceptual frameworks that integrate IS concepts and other business concepts to develop a fine-grained understanding of product–service innovation
3. Empirically establishing the role and value of IT in product–service innovation, business model innovation, and management innovation—as an operand resource (i.e., as an enabler) as well as an operant resource (i.e., as a trigger)
4. Theories and models that better integrate the simultaneous use of IT as an operand and operant resource
5. Temporal and spatial analyses of innovation processes where IT radically transforms either or both of these dimensions

Possible topics for this special issue include, but are not limited to, the following:

- The nature and extent of business value created by IT in diverse innovation contexts
- IT and (product–service and business model) innovation performance
- The impact of IT on new product design and development
- The adoption, implementation, and use of IT-based product development tools and applications in innovation processes (e.g., PLM)
- IT and open innovation models
- The role of online communities and other social media in supporting diverse collaborative innovation models (including crowdsourcing)
- The role and impact of digital components on innovation platforms, innovation architecture, and innovation processes
- New digital architectures for innovation platforms
- Issues at the intersection of IT, organizational design, and innovation—in particular, the ways by which new IT tools drive innovative organizational arrangements and processes in product–service innovation

- Digital infrastructure and its impact on the structure, governance, and processes in innovation ecosystems
- The role of IT in facilitating customer co-creation and co-innovation
- Incremental and radical innovation processes and their dynamics in digital innovation contexts
- The role of IT in (product–service and business model) innovation in emerging economics

Review Process and Deadlines

Submissions to the special issue should be carefully written and be readable by a broader audience of IS and business scholars. The Guest Editors will screen submissions to ensure appropriate scope and relevance. Papers that do not pass this initial screening will be returned to the authors. The review process will require reviewers to adhere to a three-month review cycle and authors to adhere to a three-month revision cycle.

A maximum of three revisions will be invited for each paper. The authors of the papers that pass the first round of review will be invited to present their research at a Special Issue research workshop to be held in February 2015 (Harbin Institute of Technology will sponsor this workshop). The workshop will enable authors to gain valuable input on their work and promote higher quality submissions for further rounds of review. Attending the workshop is strongly encouraged, but is not a precondition for acceptance into the Special Issue.

Papers that miss the required revision cycle as well as those that are not deemed acceptable after two revisions will be removed from consideration. Submissions will enter a third round of reviews only if the revisions to be undertaken after the second round of reviews are relatively straightforward.

Timetable

Submission due date:	September 30, 2014
First round due:	December 30, 2014
Research Workshop:	February 2015 (date TBD)
Revisions due:	April 30, 2015
Second round decisions:	July 30, 2015
Revisions due:	October 30, 2015
Final editorial decision:	November 30, 2015

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