



## Call for Papers *MISQ* Special Issue on

# Information Technology and Innovation

### Special Issue Editors

*Satish Nambisan, University of Wisconsin–Milwaukee (nambisan@uwm.edu)*

*Kalle Lyytinen, Case Western Reserve University (kjl13@case.edu)*

*Ann Majchrzak, University of Southern California (majchrza@usc.edu)*

*Michael Song, University of Missouri–Kansas City (songmi@umkc.edu)*

**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

## Special Issue Editorial Board

Michel Avital, Copenhagen Business School  
 Gloria Barczak, Northeastern University  
 Indranil Bardhan, University of Texas–Dallas  
 Roman Beck, IT University of Copenhagen  
 Nick Berente, University of Georgia  
 Roger Calantone, Michigan State  
 Anthony Di Benedetto, Temple University  
 Sanjiv Erat, University of California–San Diego  
 Rob Fichman, Boston College  
 Chris Forman, Georgia Tech  
 Ola Henfridsson, University of Warwick  
 Jonny Holmström, Umeå University  
 Hemant Jain, University of Wisconsin–Milwaukee  
 Paul Leonardi, Northwestern University  
 Robert Lusch, University of Arizona  
 Dapeng Liang, Harbin Institute of Technology

Arvind Malhotra, University of North Carolina–Chapel Hill  
 Anne Massey, Indiana University  
 Sunil Mithas, University of Maryland  
 Muammer Ozer, City University of Hong Kong  
 Paul Pavlou, Temple University  
 Frantz Rowe, University of Nantes  
 Ashish Sood, Case Western Reserve University  
 Huseyin Tanriverdi, University of Texas–Austin  
 Dov Te’eni, Tel-Aviv University  
 Amrit Tiwana, University of Georgia  
 Joel West, Keck Graduate Institute  
 Robin Williams, Edinburgh University  
 Manjit Yadav, Texas A&M University  
 Qiang Ye, Harbin Institute of Technology  
 Bo Yu, Harbin Institute of Technology  
 Kevin Zhu, University of California–San Diego