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A Special Issue on Social and Mobile Technologies

The increasing use of Social and Mobile technologies in business and personal lives has unleashed a stream of Analytics with both big and small data in the Cloud. Along with such extensive adoption, serious questions have arisen about the Security of users and organizations. We call this collective phenomenon SMACS (Social, Mobile, Analytics, Cloud, Security).

This special issue is intended for researchers belonging to diverse communities to disseminate cutting-edge research on SMACS. In business, analytics has morphed from Marketing and Finance to Human Resources and Operations functions. Massive investments in the “Industrial Internet”, “Smarter Planet” and other innovations are transforming lives, environment and the way we work. Social and mobile technologies are used by business, government and non-profits in compelling and innovative ways. The use of cloud technologies for storage and computation are redefining computing models. Alongside such advances, recent NSA revelations have shaken the foundations of data security and privacy, and have reverberated through business, government and research universities, calling for more research in technologies and their implications. In the face of these challenges, this special issue aims to provide insights into the challenges, opportunities, novel strategies, and analytic tools and techniques in the domain of social and mobile technologies.

Some indicative themes might include:

- Business intelligence and data analytics
- Cloud computing, high availability systems
- Consumer behavior in mobile and digital environments
- Data mining and knowledge discovery
- Digital intermediaries and sponsored search advertising
- Electronic commerce and electronic markets
- Information security and privacy
- Intellectual property, copyrights, and DRM
- IS in healthcare
- Online communities and computer-mediated collaboration
- Outsourcing and application service contracting
- Personalization technologies and recommendation systems
- Social media and Enterprise 2.0

- Social networks and Web 2.0
- Software engineering
- Software procurement, open source software, and open standards
- The economics of digital products and information goods

Forms of submission

The areas covered by this special issue have been attractive topics at conferences such as the CIST 2014 Conference on Information Systems and Technology, San Francisco. In the case of papers from the conference, the submission is required to be a substantial revision of the conference publication and the authors will be required to submit a letter detailing the difference between their conference paper and the new version. All submitted papers will go through peer review and if the paper receives a satisfactory review, it will be considered for the special issue. The special issue will be fast-tracked for publication.

Submission Instruction

Manuscripts must be submitted to the ISF-Springer online submission system at:
<http://www.editorialmanager.com/isfi/>.

Paper submissions must conform to the format guidelines of Information Systems Frontiers available at:
<http://www.springer.com/business/business+information+systems/journal/10796>

Submissions should be approximately 32 pages double spaced including references.

Guest Editors

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Important Dates

Paper submission deadline: 15th January 2015

Initial review report: 15th May 2015

Final Revised Manuscript: Due 15th August 2015

Publication Issue TBA

About the Guest Editors

Sudip Bhattacharjee is an Associate Professor in the School of Business, University of Connecticut. He is also a Visiting Professor at GE Global Research Center. His current research interests include information systems economics, energy informatics, digital goods and markets, data analytics in IT and operations, and closed loop supply chains. His research has appeared in *Management Science*, *INFORMS Journal on Computing*, *Journal of Business*, *Journal of Law and Economics*, among others. His research has been highlighted in various media outlets. He serves as an Associate Editor for Information Systems Research. He has extensive research consulting experience with Fortune 100 firms on data-driven decision making in IT and operations.

Ram Gopal is GE Capital Endowed Professor of Business and Head of the Department of Operations and Information Management in the School of Business, University of Connecticut. He had held visiting professor positions at the Indian School of Business and the University of Texas at Austin. His current research interests are in the areas of big data analytics, information security, privacy and valuation, healthcare, online market design and business impacts of technology.

Sanjukta Das Smith is an Associate Professor of Management Science and Systems at the University at Buffalo. She received her Ph.D. from the University of Connecticut, her M.S. from Clarkson University, her M.B.M. and B.Com. Honours from Calcutta University. Her research interests are in the areas of cloud computing and datacenter virtualization. Her work has been published in *Information Systems Research*, *INFORMS Journal on Computing*, *Journal of Management Information Systems*, among others. Her research has been funded by Google and the National Science Foundation (NSF), among others. She is currently an Associate Editor at the *INFORMS Journal on Computing*.