

# **SIGBPS Workshop on Business Processes and Services**

December 12, 2015, Fort Worth, Texas, USA

AIS-SIGBPS Website: <http://www.sigbps.org>

Workshop Website: <http://www.sigbps.org/bps15>

(in conjunction with International Conference on Information Systems)

Big Data is reshaping many aspects of our society, including science, engineering, medicine, healthcare, and business. As organizations are increasingly aware of the potential of the torrents of data generated by today's information systems, the question is how to harvest and leverage big data to gain a competitive advantage. For example, how to use big data analytics to improve business process in terms of reducing cost or improving response time. The purpose of this workshop is to provide a forum to discuss new research directions in the area of big data analytics and E-commerce. A critical goal of the workshop is to cultivate high quality research concerning big data analytics and E-commerce. This workshop aims to extend the boundaries of research in business process management by integrating recent advances in big data analytics that have not been sufficiently emphasized in the past.

Given the nature and purposes of this workshop, we invite papers of no more than five pages that are well articulated and formatted in single line spacing, Times New Roman, 12 pt, 1 inch margins. We particularly seek position papers but also welcome conceptual papers with a strong theoretical flavor, as well as completed research papers or research-in-progress papers.

Suggested research topics include, but not limited to, the following ones:

- Big data and business process management
- Big data and financial services
- Big data and healthcare
- Big data platforms
- Big data acquisition, integration, cleaning
- Big data security issues
- Big data theories
- Social media and e-commerce
- Economics of e-commerce
- E-marketing technologies
- Innovative e-commerce business models
- Business process theories and applications
- Cloud computing and process management
- Collaborative processes in social media
- Large-scale Recommendation Systems
- Mobile commerce and process management
- Organization and culture issues in process management
- Process competencies in information intensive businesses

- Process mining and intelligence
- Process management methodologies
- Technology and architecture issues in process driven organizations
- Workflows in collaborative operations and systems

**Important Dates:**

Submission Deadline: Oct 25, 2015 (Due to several requests, we are extending the deadline for our workshop to Sunday, October 25th, 2015)

Notification of Acceptance: Nov 15, 2015

Final Version Due: Nov 25, 2015

**Conference Chairs:**

J. Leon Zhao, City University of Hong Kong, China

Harry Jiannan Wang, University of Delaware, USA

Qiang Ye, Harbin Institute of Technology, China

**Program Chairs:**

Dongming Xu, The University of Queensland, Australia

Shaokun Fan, West Texas A&M University, USA

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