SIGBPS Workshop on Business Processes and Services

December 15, 2012, Orlando, Florida, USA
AIS-SIGBPS Website: www.sigbps.org
Workshop Website: www.sigbps.org/bps12
(in conjunction with International Conference on Information Systems)

The purpose of this workshop is to provide a forum to discuss new research directions in the area of business process management and business service automation. A critical goal of the workshop is to cultivate high quality research concerning Internet-enabled business processes and services, which include new technological advances such as cloud computing, mobile commerce, service virtualization, and big data analysis.

This workshop aims to extend the boundaries of research in business process management by integrating new elements that have not been sufficiently emphasized in the past. The recent rapid advances in information systems have created both challenges and opportunities to develop new business services via innovative business processes. For instance, we know how to automate routine, formal business processes but have not really attempted computerizing ad hoc processes that may emerge spontaneously and have short life span. These may include examples like setting up ad hoc meetings that may involve a number of people from different places, different IT devices and platforms, an evolving agenda, a set of documents as inputs and outputs and some decisions and outcomes. Such meetings are often very valuable but also time consuming to organize and manage.

Another important area of interest of this workshop is to promote theoretical efforts in business processes. The business process modeling and automation research has been largely driven by the need to solve practical problems. There has been a lack of strong theories in this area and we believe that it is essential to develop new theories about business process and service automation. The Process Virtualization Theory (http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1085328), proposed by Eric Overby, presents an excellent example of such theories and provides a great starting point for a theoretical discussion at the workshop.

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:

- Cloud computing and process management
- Collaborative processes in social media
- Coordination and cooperation mechanisms for process management
- Data mining for process technologies and management
- Financial service applications

- Frameworks and methodologies for collaboration processes
- Healthcare and process management
- Human resource management under distributed process technologies
- Metrics and measurements in business processes and services
- Evaluations of business process and service implementations
- Mobile commerce and process management
- Organization and culture issues in process automation
- Process competencies in information intensive businesses
- Process management methodologies
- Business process theories and applications
- Technology and architecture issues in process driven organizations
- Telecommuting and process modeling
- Workflows in collaborative operations and systems
- Consequences of process and service virtualization
- Possible emergence of novel virtual intermediaries
- Public policy implications

Conference Chairs:

J. Leon Zhao, City University of Hong Kong
Michael Goul, Arizona State University

Program Chairs:

Karl R. Lang, City University of New York
Wei ThooYue, City University of Hong Kong

Webmaster:

Shaokun Fan, City University of Hong Kong

Program Committee and Tracks:

Track Chairs	Topics
AmitDeokar and SurendraSarnikar	Knowledge Intensive Processes
Xiaoying Dong and Angela Yan Yu	Open Information Service for Oganizations
Daning Hu and Huaiqing Wang	Financial Intelligence and Applications
Dongsong Zhang and Lina Zhou	Mobile Web and Services
Noyan Ilk and Mingfeng Lin	E-Business Service Management

Harry Wang and Harris Wu	Business Process Intelligence
Manlu Liu and Xinlin Tang	Managerial Issues of Innovative Software Development
Michael Chau and Jennifer Xu	Social Network Processes and Services
Qiang Wei and Junjie Wu	Business Intelligence in E-Commerce
Wanchun Dou and Shaokun Fan	Collaboration Technology and Management
Xin Li and G. Alan Wang	Process Mining and Analytics
Xitong Guo and Jan vom Brocke	Business Process Innovation and Transformation
Xunhua Guo and Xianghua Lu	Social Media and E-Commerce Strategies
Yan Li and Xue Yang	Mobile Commerce Business Processes and Operations
Kannan Mohan and Radhika Jain	Managing Software Development Processes
Qiang Ye and Bin Gu	Online User Generated Contents
Jason Li and Rong Zheng	Text Mining and Business Applications
Vijayan Sugumaran, Ghassan Beydoun and Dongming Xu	Intelligent Service Systems and Technologies

Important Dates:

- Submission Due: October 22, 2012
- Acceptance Decision: Nov 7, 2012
- Final Submission: November 22, 2012