

## Call for Papers

### Information System Frontiers (ISF)

<http://www.som.buffalo.edu/isinterface/ISFrontiers/>

### Special Issue on Collaborative Business Processes

Recent years have seen the trend of business globalisation which urgently requires dynamical collaboration among organisations. The business processes of different organisations need to be integrated seamlessly to adapt the continuously changing business conditions and to stay competitive in the global market. Though current business process technologies have achieved a certain level, there is still a large room between the current supports and the requirements from real collaboration scenarios. Especially in a loosely coupled collaboration environment, many non-functional yet crucial aspects, such as privacy and security, reliability and flexibility, scalability and agility, process validation, QoS guarantees, etc., are with a great lack of sufficient supports. This gap in turn obstructs the further advancement and wider application of business process technologies. Therefore, more academic research, facilitating infrastructure, protocols and standards are being expected to shift current business process management for supporting collaborative business processes.

#### Topic Scope

The scope of this special issue falls in collaborative business process management field. The special issue will cover the scope of research relevant to collaborative business processes, including, but not limited to, the following topics:

- Contracting for business collaboration
- Process discovery in business collaboration
- Process composition in business collaboration
- Service matching in business collaboration
- Change management in business collaboration
- Process evolution in business collaboration
- Process migration in business collaboration
- Access control in business collaboration
- Privacy and confidentiality management in business collaboration
- Autonomy in business collaboration
- Authorisation management in business collaboration
- Collaborative business process modelling
- Engines for collaborative business processes
- Verification and validation of collaborative business process models
- Performance assessment on collaborative business processes
- Monitoring and tracking over collaborative business processes
- Architectures and infrastructures for collaborative business processes
- Protocols for collaborative business processes
- Choreography and orchestration in collaborative business processes
- Collaborative business processes in Web service environment

- Collaborative business processes in Grid or P2P environment
- Case studies of collaborative business processes
- Collaborative business process applications, such as supply chain and virtual organisation alliance
- Other facilitating technologies for collaborative business process

## **Important Dates**

1 October 2007	Deadline for submissions to the special issue
30 January 2008	Notification of acceptance
28 February 2008	Deadline for camera-ready papers
Middle or late 2008	Publication

## **Submission Instructions**

Manuscripts must be submitted electronically in Microsoft Word or PDF format no later than October 1, 2007 to Xiaohui Zhao at: xzhao@ict.swin.edu.au. Manuscripts should be within 25 pages long, double space, including references. More information for manuscript style can be found at Springer's website ([www.springer.com/sgw/cda/frontpage/0,11855,4-170-70-35673075-0,00.html](http://www.springer.com/sgw/cda/frontpage/0,11855,4-170-70-35673075-0,00.html)). Revised submissions of the works appear in the workshop on Collaborative Business Processes (CBP 2007, [www.ict.swin.edu.au/conferences/cbp2007](http://www.ict.swin.edu.au/conferences/cbp2007)) will be automatically considered for this special issue. All other manuscripts must not have been previously published or currently submitted for journal publication elsewhere. All submissions will be peer reviewed.

## **Guest Editors**

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