

CALL FOR PAPERS

International Workshop on Inter-Organizational Processes (IOPs'16)
At The
20th IEEE International Enterprise Distributed Object Computing Conference (EDOC
2016)
Vienna, Austria, 05/06.09.2015
<https://iops.wu.ac.at/2016/>

In many cases, inter-organizational cooperation is realized using concepts and technologies from the field of Business Process Management (BPM). The BPM lifecycle is typically attributed to include at least the following phases: Design & Analysis, Configuration, Enactment, and Evaluation. While there has been tremendous progress in all these areas in the last decade, surprisingly little focus has been put on overcoming the rigidity of inter-organizational processes, despite the obvious need to achieve this in order to enable the distributed enterprises of the future.

Consequently, the main goals of the International Workshop on Inter-Organizational Processes (IOPs 2016) are:

- to raise awareness about this black spot in research on business processes and distributed enterprises;
- to carve out topic areas and challenges, as well as the development of a research community with a specific focus on correctness, maintainability, and reliability of inter-organizational processes;
- to discuss and shape the future role of inter-organizational processes in distributed enterprise computing;

Among a number of challenges, there is a lack of conceptualization and theory on overcoming rigid inter-organizational processes. The goal of IOPs 2016 is to map the state of the art and to lay the foundation for a joint research agenda by providing and discussing contributions in the topic areas below.

Topics

Authors are invited to submit novel contributions in the above mentioned problem domain. Relevant topics include, but are not limited to:

1. Correctness of Inter-Organizational Processes, e.g.,
 - Control and distribution of inter-organizational processes
 - Data and data semantics for inter-organizational processes
 - Consistency between inter-organizational process models and process instances
 - Verification of inter-organizational processes
 - Validation and debugging techniques for inter-organizational processes
2. Maintainability of Inter-Organizational Processes, e.g.,
 - Stakeholder support for modelling and changing inter-organizational processes
 - Alignment between inter-organizational processes and software systems: methods, techniques, and tools
 - Development techniques for inter-organizational processes
 - Domain-specific languages for inter-organizational processes
 - Change propagation in inter-organizational processes

3. Reliability of Inter-Organizational Processes, e.g.,
 - Monitoring for inter-organizational processes
 - Event identification in inter-organizational processes
 - Scalability and elasticity for inter-organizational process enactment
 - Security, privacy, and trust in inter-organizational processes
 - Fault tolerance mechanisms for inter-organizational processes
4. Cross-cutting Concerns, e.g.,
 - General modelling approaches for inter-organizational processes
 - Context for inter-organizational processes
 - Compliance in inter-organizational processes
 - Flexibility, adaptability and evolution in inter-organizational processes
 - Process mining in inter-organizational settings
 - Standards for inter-organizational processes
5. Technologies for Inter-Organizational Processes, e.g.,
 - Ad-hoc and flexible processes
 - Cloud-based process enactment
 - Event-driven BPM
6. Experiences in Inter-Organizational Processes, e.g.,
 - Best practices, success factors and empirical studies
 - New delivery models for inter-organizational processes
 - Reports on use cases
 - Requirements definition issues for use cases

Submission

We solicit submissions describing substantial contributions of novel and mature work as well as work-in-progress. Submitted papers should be 8 pages long. Papers should be submitted in IEEE COMPSOC double-column format and will be published as part of the EDOC workshop proceedings electronically in the IEEE XPIore Digital Library. Papers must present original research contributions not concurrently submitted elsewhere. The title page must contain a short abstract and a classification of the topics covered, preferably using the list of topics above.

Papers can be uploaded via the submission system:
<https://www.easychair.org/conferences/?conf=iops2016>

Important Dates

Deadline paper submissions: 06 May 2016
Notification of acceptance: 13 June 2016
Camera-ready papers due: 01 July 2016
Workshop: 05 or 06 September 2016

Organizing Committee

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Sorry for crossposting and see you in Vienna!