

1st International Workshop on Empirical Research in Process-oriented Information Systems

1st Call for Papers

I. Workshop Theme and Goals

Since the advent of business process reengineering in the 1990s, modeling and optimization of business processes has become a critical factor in business as well as in non-profit and government organizations. Today, with many forms of interorganizational cooperation in the form of e-business, outsourcing, and other kinds of value webs, business process management and coordination process management are crucial for the survival of organizations. As a result, information systems are required to manipulate not only data but also processes. *Process-oriented information systems* (POIS) are systems that can provide data support as well as process support to organizations. Examples are workflow management systems, ERP systems, and systems for cross-organizational coordination management.

Some of the challenges facing POIS include requirements management, performance monitoring, service level agreements and governance. The **1st International Workshop on Empirical Research in Process-Oriented Information Systems (ER-POIS 2010)** aims to provide a platform for exchanging empirical research results about POIS problems and solutions.

The workshop takes an empirical perspective, which means that we will not solicit papers that propose solutions, new techniques or methods, but solicit papers with empirical research results about existing problems or implemented solutions, or about empirical validations of proposed solutions. We assume the solutions have been specified elsewhere, possibly in earlier papers. We encourage the use of any research method, ranging from experimental research to surveys, case studies and action research, provided that a discussion of the validity of the method and of the results obtained with the method is included in the paper.

II. Workshop Format

The workshop will comprise presentations of accepted papers and tool reports. Submitted papers will be *reviewed* by at least three members of the program committee, and *will be evaluated on the basis of significance, originality, technical quality, and exposition*. Papers should clearly establish their research contribution and shall particularly address the relation to transferring methods and technologies into practice.

All accepted papers will appear in the joint electronic CAiSE workshop proceedings (distributed on USB sticks). At least one author for each accepted paper must register for the workshop and present the paper. Top workshop papers will be published (after extension and enhancement) in a Special Issue of the *Journal of Cooperative Information Systems* (IJCIS).

III. Submitting a Paper

Prospective authors are invited to submit papers for presentation in any of the areas listed in the Topics section. Only papers in English will be accepted. Different paper types are distinguished. Length of *full papers* must not exceed 12 pages (there is no possibility to buy additional pages). *Position papers* and *tool reports* should be no longer than 6 pages. Papers should be submitted in the Springer LNCS format.

Papers have to present original research contributions not concurrently submitted elsewhere. The title page must contain a short abstract, a classification of the topics covered, preferably using the list of topics above, and an indication of the submission category (full paper | position paper | tool report).

Papers should be submitted in PDF format electronically via the EasyChair: <http://www.easychair.org/conferences/?conf=erpois2010>

IV. Topics

Topics include but are not limited to...

- Requirements engineering for POIS
- Cost and benefit estimation for POIS
- Risk management of POIS
- Quantitative and qualitative evaluation methods for POIS
- Evaluation of development methods for POIS
- Cross-organizational POIS
- POIS implementation
- COTS and POIS
- User acceptance of POIS
- Role of POIS in business-IT alignment
- Strategic issue of POIS
- Governance of POIS
- Enterprise architecture and POIS
- Adoption and success of POIS

V. Organizers & Program Committee

Workshop Chairs & Organizers:

Bela Mutschler

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Program Committee:

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Marta Indulska, Australia
Matthias Jarke, Germany
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Kalle Lyytinen, USA
Jan Mendling, Germany
Bela Mutschler, Germany (Co-chair)
Andreas Opdahl, Norway
Jinsoo Park, Korea
Oscar Pastor, Spain
Yves Peigneur, Switzerland
Jan Recker, Australia (Co-chair)
Manfred Reichert, Germany
Hajo Reijers, The Netherlands
Stefanie Rinderle-Ma, Austria
Matti Rossi, Finland
Markus Rothenberger, USA
Camille Salinesi, France
Keng Siau, USA
Roel Wieringa, The Netherlands (Co-chair)
Barbara Weber, Austria

taking place in
Hammamet
(Tunisia)

in conjunction with
CAiSE 2010

VI. Important Dates

Deadline for paper submissions: 28 February 2010

Notification of Acceptance: 30 March 2010

Camera-ready papers deadline: 15 April 2010

Workshop: 8 June 2010

The top workshop papers will be published (after extension and enhancement) in a Special Issue of the *Journal of Cooperative Information Systems* (IJCIS).

www.bpm.fit.qut.edu.au/erpois2010