Call for Papers

2nd International Workshop on Process Engineering (IWPE)
Workshop at BPM 2016
19.09.2016, Rio der Janeiro, Brazil

The Second International Workshop on Process Engineering (IWPE) aims at bringing together researchers and practitioners interested in the engineering aspects of process-oriented information systems.

Scope

Business process management as a scientific discipline has been very successful in developing concepts, languages, algorithms, and techniques in different aspects of the domain. Many of those concepts and techniques, however, did not yet find their way to the operational business of companies. One of the reasons for the weak uptake of research results in business process management is the lack of research in engineering aspects of process-oriented information systems.

Engineering focuses on the entire value chain of system development, from the elicitation of business requirements to the engineering of suitable architectures, components and user interfaces of process systems, as well as their testing, deployment, and maintenance. The workshop aims at providing a forum for researchers and practitioners who are interested in all engineering aspects of the design and implementation of process-oriented information systems.

Topics

- Methodologies for the design and engineering of process applications
- Requirements engineering of process systems
- Testing process systems
- User interface design of process systems
- Deployment aspects of process systems
- Novel architectures in process design and implementation
- Design of process engines
- Implementation concepts for large-scale process systems
- Empirical aspects of process systems
- Lessons learned from process implementation projects
- Service-based processes
- Cloud-based process enactment
- Smart processes in the physical world
- Event management in process systems
Goals and Intended Audience
The goal of the workshop is providing a forum for researchers and practitioners in different disciplines that are relevant for the workshop theme. Experts in the broad research areas of business process management and software engineering are invited to join. We expect stimulating discussions of engineering approaches on the edge of software engineering and business process management. It will be interesting to discuss in how far software engineering methods and techniques in, for instance, requirements engineering, software architectures and testing can be used to tackle process engineering challenges. On the other hand, process management results could also complement software engineering techniques in areas like requirements elicitation and software architectures.

Important Dates

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Submission deadline</td>
<td>27.05.2016</td>
</tr>
<tr>
<td>Notification</td>
<td>27.06.2016</td>
</tr>
<tr>
<td>Camera-ready papers</td>
<td>18.07.2016</td>
</tr>
</tbody>
</table>

Submission
Submitted papers will be evaluated on the basis of significance, originality and their technical quality. The length of a paper must not exceed 12 pages (including figures, bibliography and appendices). Authors are requested to prepare submissions according to the LNCS/LNBIP format specified by Springer. The title page must contain a short abstract and a classification of the topics covered, preferably using the list of topics above. Papers should be submitted electronically through easychair. Members of an international program committee will review all submissions. Each paper will be reviewed by three PC members guaranteeing that only papers presenting high quality and innovative research and practice issues in areas relevant to the workshop theme will be accepted.

At least one author of each accepted paper is required to present the paper at the workshop in Rio de Janeiro. All workshop papers will be published by Springer as a post-workshop proceedings volume in the series Lecture Notes in Business Information Processing (LNBIP). When submission opens, please use https://easychair.org/conferences/?conf=iwpe2016 to submit your IWPE 2016 papers.

Organization
Mathias Weske
University of Potsdam
Hasso Plattner Institute for
IT-Systems Engineering
Phone: +49 331-5509-191
eMail: Mathias.Weske (at) hpi.de

Manfred Reichert
University of Ulm
Institut für Datenbanken und
Informationssysteme
Phone: +49 731-5024-135
eMail: manfred.reichert (at) uni-ulm.de
Program Committee

- João Paulo A. Almeida, Federal University of Espírito Santo, Brazil
- Leonardo G. Azevedo, Federal University of the State of Rio de Janeiro, IBM Research Brazil
- Fernanda Baião, Federal University of Rio de Janeiro State, Brazil
- Boualem Benatallah, University of New South Wales, Australia
- Ruth Breu, University of Innsbruck, Austria
- Fabio Casati, University of Trento, Italy
- Florian Daniel, University of Trento, Italy
- Andrea Delgado, Universidad de la República, Uruguay
- Remco Dijkman, Technical University of Eindhoven, The Netherlands
- Marlon Dumas, University of Tartu, Estonia
- Schahram Dustdar, Technical University of Vienna, Austria
- Gregor Engels, University of Paderborn, Germany
- Avigdor Gal, Technion, Israel
- Luciano Garcia Banuelos, University of Tartu, Estonia
- Robert Heinrich, KIT Karlsruhe, Germany
- Gerti Kappel, Technical University of Vienna, Austria
- Dimitris Karagiannis, University of Vienna, Germany
- Dimka Karastoyanova, University of Stuttgart, Germany
- Ekkart Kindler, Technical University of Denmark
- Akhil Kumar, Penn State University, USA
- Matthias Kunze, Zalando, Germany
- Marcello la Rosa, QUT Brisbane, Australia
- Frank Leymann, University of Stuttgart, Germany
- Jan Mendling, WWU Vienna, Austria
- Cesar A. L. Oliveira, Federal University of Pernambuco, Brazil
- Barbara Paech, University of Heidelberg, Germany
- Caesare Pautasso, University of Lugano, Switzerland
- Klaus Pohl, University of Duisburg-Essen, Germany
- Manuel Resinas, University of Seville, Spain
- Stefanie Rinderle-Ma, University of Vienna, Austria
- Antonio Ruiz Cortez, University of Seville, Spain
- Lucineia Thom, Universidade Federal Do Rio Grande Do Sul, Brazil
- Farouk Toumani, Université Blaise Pascal, Clermont-Ferrand, France
- Pablo Villareal, Universidad de Santa Fe, Argentina
- Jan vom Brocke, University of Liechtenstein
- Barbara Weber, University of Innsbruck, Austria
- Matthias Weidlich, Humboldt University Berlin, Germany
- Uwe Zdun, University of Vienna, Austria