

Call for Papers -- FSFE 2015

The 3rd Workshop on Formal Semantics for the Future Enterprise:

<http://bis.kie.ue.poznan.pl/bis2015/workshops/fsfe-2015/>

(in conjunction with the 18th International Conference on Business Information Systems in Poznan, Poland, during 24-26 June 2015)

Scope

The main goal of the workshop is to bring together researchers to share knowledge and experiences on formal aspects of the Future Enterprise, particularly pertaining to knowledge representation and how it can be employed to manage various facets of the enterprise, both at design-time (e.g. service and process descriptions) and at run-time (e.g. process execution, service discovery).

Current trends in manufacturing, supply chain management and product servitization systems indicate new emerging paradigms such as Factories of the Future, Virtual Enterprises, Smart Factories etc. The workshop aims to narrow down the characteristics of such relatively informal notions, to consolidate them under the umbrella term of Future Enterprise and to highlight their requirements with respect to capturing and processing their semantic aspects. Disciplines such as Enterprise Modelling, Ontology Engineering, Semantic Web Services or Linked Enterprise Data are expected to converge in the workshop discussions.

Topics of Interest

- Knowledge acquisition in virtual enterprises
- Modeling and simulation of manufacturing processes for Factories of the Future
- Description logics for decision support in virtual enterprises
- Description, discovery and composition of semantic web services
- Description and execution of semantic business processes
- Data semantization and semantic lifting methodologies
- Formal methods for enterprise modeling
- Context-aware enterprise information systems
- Ontology engineering for Factories of the Future
- Computational semantics and natural language processing for business documents
- Semantic support for collaborative business networks
- Semantics of cyberphysical systems in Factories of the Future
- Reasoning and automated decision making in virtual enterprises
- Data linking and federation in collaborative networks
- Security and access control semantics for virtual enterprises

Important dates

Submission deadline: May 5, 2015 (extended)

Notification of acceptance/rejection: May 20, 2015

Submission of final papers for presentation: June 1, 2015

Workshop: June 24-26, 2015

Submission of final papers for publication (including revisions based on workshop feedback): July 10, 2015

Submission guidelines

The submission system is available at <https://easychair.org/conferences/?conf=fsfe2015>

The workshop will accept papers of up to 12 pages formatted according to the Springer LNBIP template (<http://www.springer.com/computer/lncs?SGWID=0-164-6-791344-0>). The initial submission must be in the PDF format.

For accepted papers, subsequent instructions will be distributed via e-mail. Post-conference final submissions (for publication) must include feedback from workshop discussions.

The papers are expected to be original work presented as full papers and must not be currently under review in another conference. Papers will be peer-reviewed on technical merit, originality and relevance to the topics of interest.

Papers approved for presentation at FSFE 2015 will be published in the BIS 2015 workshop post-conference proceedings, as a volume in Springer's Lecture Notes in Business Information Processing (LNBIP) series.

Organizers and Chairs

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