



CALL FOR PAPERS

Increased flexibility and agility, co-operation, continuous improvement, knowledge work and the progress towards learning organisations are important challenges for enterprises. Enterprise Systems (ES) - also called Enterprise Information Systems (EIS) - are key IT assets to deal with these challenges. They enable industrial organizations and public administrations to integrate, coordinate and evolve their business processes across functional and organization boundaries and to effectively exploit information for sustaining success of the enterprises. They provide the basis for effective decision making and allow for new business models.

Submission Topics

The conference focuses on both the technical and application aspects of enterprise systems and the complex and cross-disciplinary problems of enterprise integration. Apart from that, the conference deals with methods and technologies for the development, adoption, and application of context-rich enterprise systems leading to smart machines or intelligent cloud services.

The conference committee invites submissions of applied or theoretical research and application-oriented papers on all topics of Enterprise Systems. Topics include, but are not limited to the following:

- Enterprise Modelling & Integration
- Enterprise Architecture & Engineering
- Maturity Models for Enterprise Architecture & Engineering
- Maintenance and Evolution of Enterprise Architecture & Engineering
- Models and Frameworks for Enterprise Architecture & Engineering
- Business-IT Alignment
- Enterprise Architecture Adoption and Governance
- Methods, Processes and Patterns for Enterprise Architecture & Engineering
- Enterprise Architecture & Engineering and Service Oriented Architecture (SOA)
- Service Design
- Organizational Theory and System Development
- Decision Support Systems
- Enterprise Knowledge Engineering and Knowledge Management
- Enterprise Systems for Business Process Management
- Enterprise Systems for Case Management
- Information integration and interoperability
- Cross-organizational collaboration and virtual enterprise
- Integration of (legacy) enterprise applications and information
- Information Governance
- Cloud computing
- Big Data
- Industry 4.0
- Enterprise Systems for e-Government



Workshops

There will be three special workshop sessions:

- **Advanced modeling and ontologies in enterprises**
Models are abstract representations of reality and are often used to depict, analyse and communicate features of complex phenomena. The modern enterprise is a complex system and advanced modeling techniques, including ontologies, are often used within enterprise systems, as well as enterprise architecture and engineering. This track is concerned with all aspects concerning the use and application of advanced modeling techniques and ontologies in enterprises.
- **Business Processes in the Cloud**
Companies have been automating business processes for decades. With the advent of cloud computing, they are looking at a more service-oriented approach. Business Process as a Service (BPaaS) sits on top of the other three foundational cloud services: SaaS, PaaS, and IaaS. A BPaaS service is likely to have well-defined interfaces so that it can be easily connected to related services. Submissions can be about any of the areas of orchestration, deployment and execution of services on the cloud. The workshop is supported by the project CloudSocket (<http://www.cloudsocket.eu>)
- **Learning of Process Knowledge**
Learning in organisations is and has always been very important to keep enterprises competitive. Process related single-loop learning focuses on supporting employees to readily learn and apply new processes and to improve business processes. A particular challenge represents the implementation of double-loop and Deutero learning in the organisational context. How can mental models be externalized? How can the gap be closed between espoused theory and theory in use? How to trigger double-loop learning and how to evaluate and retrofit its results? The track on learning of process knowledge addresses these questions both on individual and organisational learning within organisations.

Submissions dedicated to these workshop sessions can contain preliminary research results.

Manuscript Preparation and Submission

Submissions to this conference must represent original material that has been neither submitted to nor published in any other proceedings or journals. All papers selected for this conference are double-blind peer-reviewed. Acceptance will be based on quality, relevance and originality. ES 2015 conference proceedings will be included in **IEEE Xplore**. We accept two kinds of papers:

- **Full papers** present final results. They must not exceed 12 pages.
- **Short papers** can contain preliminary results. They must not exceed 8 pages.

All submissions should use IEEE two-column style. Templates for Word and LaTeX are available from https://www.ieee.org/conferences_events/conferences/publishing/templates.html

Please upload your conference submission for ES2015 via easychair:

<https://easychair.org/conferences/?conf=es2015>

Submissions must be in Adobe portable document format (PDF) format. They must not contain the names and addresses of the authors. Author names are to be mentioned on the submission page.

Timetable

Submission	May 18, 2015 (extended)
Notification of Acceptance	June 30, 2015
Final Papers	August 16, 2015
Conference Date	October 14-15, 2015

Conference Chairs

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