



# WESE 2018

## Call for Papers

### Workshop on Engineering for Service-oriented Enterprise (WESE)

<https://www.list.lu/en/event/wese2018/>, held in conjunction with IEEE CBI 2018

<https://cbi2018.big.tuwien.ac.at>

Vienna, Austria 13-16 July, 2018

## Background

Present day enterprises often become service-oriented enterprises, which are comprised of a dynamic network of organizations that collectively provide services. In this context, we define a service as a self-contained unit of functionality that establishes a meaningful value to enterprises such as service performance, service customer, service producer, service delivery, etc.

Moreover, service-oriented enterprises need to negotiate many challenges, such as changes in the economic climate, mergers, acquisitions, innovation, novel technologies, and regulations. This involves enterprise transformation addressing digital transformation issues which are related to stakeholders' experience, technology in process integration and new digitally-modified business models.

Enterprise engineering is the general term for an engineering-based approach to architect, transform or develop service-oriented enterprises. Enterprise engineering is based on rationales of how an enterprise wants to use its organizational socio-technical systems, such as business processes and information systems.

## Topics of Interest

Research contributions may involve the engineering of new services, appropriate theories, models, methods, and other instruments for the analysis, design, implementation, evolution and governance of enterprises by combining (relevant aspects of) management and organization science and information systems science. This workshop is looking for contributions that describe appropriate approaches and methodologies (but not limited to) the following topics:

- Services design, implementation & operation in Enterprise Engineering
- Support enterprise architecture service-oriented design
- Services in governance and evolution of an enterprise
- Services supporting the maturity and quality of an enterprise
- Services for enterprise transformation
- Services for enterprise interoperability
- Interoperability as-a-service
- Interoperability assessment and improvement
- Support enterprise digitization
- Dynamic decision support systems
- Model service innovation in enterprises
- Manage social and organizational aspects in service-oriented enterprise
- SOA design, implementation & operation

Submitted research papers (full or research in progress) should present practical and theoretical insight of how an adequate coordination through enterprise engineering may be conducted

## Important dates:

- **Paper submission: April 27, 2018**
- Notification of acceptance: May 25, 2018
- Camera-ready copy: June 1, 2018
- Author registration deadline: June 1, 2018

## Submission guidelines

Authors are invited to submit original, previously unpublished research papers. Papers should be written in English, strictly following IEEE style including all text, references, appendices, and figures:

[http://www.ieee.org/conferences\\_events/conferences/publishing/templates.html](http://www.ieee.org/conferences_events/conferences/publishing/templates.html)

Recommended paper length is up to 8 pages. Submission of up to 10 pages is possible with a fee due of 45 euros per extra page. Only PDF files are accepted. There is a limit of 250 words for the abstract.

Important note: since the review process is double-blind, please make sure that your names and affiliations are not listed in the paper submitted for review.

The workshop accepts two types of submissions:

- *Completed research papers* should not only discuss research findings, but also the initial research objectives, the research methodology used, as well as its appropriateness and its execution. The maximum length is 8 pages, including references and appendices.
- *Research-in-progress papers* report on research that is well under way with preliminary results available at the time of the conference. These papers should clearly identify the research objectives of the ongoing research effort, the research method used, and the progress made so-far. The maximum length is 4 pages, including references and appendices.

Papers should be submitted using the conference management system available at: <https://easychair.org/conferences/?conf=wese2018>

Top papers will be invited to submit an extended and enhanced version for consideration for publication in a special issue to EMISA-Enterprise Modelling and Information Systems Architectures journal.

## WESE 2018 co-chairs:

- Wided Guédria, Luxembourg Institute of Science & Technology - LIST, Luxembourg
- Sérgio Guerreiro, Instituto Superior Técnico / University of Lisbon and INESC-ID, Portugal