



I-ESA'22

Call for Papers

Doctoral Symposium

INTEROPERABILITY FOR ENTERPRISE SYSTEMS AND APPLICATIONS

"ENTERPRISE INTEROPERABILITY through CONNECTED DIGITAL TWINS"

March 25th, 2022
VALENCIA (Spain)



Organised by the [Universitat Politècnica de València](http://www.upv.edu) on behalf [INTERVAL](http://www.interval.es) (Spanish Pole of INTEROP-VLab) and the [INTEROP-VLab](http://www.interop-vlab.eu) (European Virtual Laboratory for Enterprise Interoperability)

Scope

The Doctoral Symposium is an opportunity for students involved in the preparation of their PhD in any area of Interoperability for Enterprise Systems and Applications to interactively discuss their research issues and ideas with senior researchers and receive constructive feedback from members of the research community.

The Doctoral Symposium will be held during the I-ESA'22 on March 25th, 2022. PhD students will present their thesis topic, the work they have performed so far and the results that they have obtained. Besides scientific matters, students will also have the opportunity to seek advice on various aspects of completing their PhD and performing research.

Main Topics

- Architectures and Frameworks for Enterprise Interoperability
- Artificial Intelligence for Enterprise Interoperability
- Collaborative Supply Networks for Enterprise Interoperability
- Digital Platforms for Enterprise Interoperability
- Digital Twins for Enterprise Interoperability
- Enterprise Interoperability Science-based
- Enterprise Modelling for Enterprise Interoperability
- Industrial Implementation for Enterprise Interoperability
- Interoperability for Crisis Management (e.g. COVID 19)
- Interoperability for Industry 4.0
- Ontologies for Enterprise Interoperability
- Semantics for Enterprise Interoperability
- Services Innovation for Enterprise Interoperability
- Standardization to enhance Enterprise Interoperability

Important Deadlines

- Paper submission deadline: **November 21st, 2021**
- Author notification due: December 20th, 2021
- Registration deadline: March 6th, 2022
- Doctoral Symposium: March 25th, 2022

Papers Guidelines

PhD students interested to participate in the Doctoral Symposium are requested to submit a short paper of 8 pages or a full paper no longer than 10 pages, written in English. A package with formatting instructions and the MSWord template can be downloaded from www.i-esa.org.

Conditions for submitting papers:

- Papers must be single authored
- PhD student has not yet defended his/her PhD thesis
- Papers must discuss topics clearly relevant to the I-ESA'22 conference theme

Papers should clearly state:

- Problem formulation
- Research hypothesis
- Proposed solution
- Expected contributions of your research

Publication and Symposium Format

Accepted papers must be presented during the Doctoral Symposium by the PhD student. Presentations will be kept short 15 minutes. A discussant will be appointed to each paper. Discussant comments will be followed by a plenary discussion of the paper. At the end of the symposium there will be a general discussion, including a brainstorming session about current and future research topics in the area.

Papers will be published in the [CEUR Workshops Proceedings](http://www.ceur-ws.org). A selection of the best papers presented at the Doctoral Symposium will be proposed for special issues in indexed scientific journals.

Best Paper Award

A best paper award will be given to the outstanding paper.

Submission

Only electronic submissions are accepted. Submit original papers via the electronic I-ESA'22 Conference Management System <https://iesaconfmaster.net/> selecting the Doctoral Symposium Track.

More information about I-ESA'22 at www.i-esa.org.