



I-ESA 2016

The International Conference on Interoperability for Enterprise
Systems and Applications*Enterprise Interoperability in the digitized and networked Factory
of the Future*GUIMARÃES, Portugal

Pre-Conference:

29th March 2016 (Doctoral Symposium)29th - 30st March 2016 (Workshops)Conference: 31st March -1st April 2016

Call for Workshop Papers

Workshop:

Sustainable Practices to improve Interoperability in Manufacturing Engineering

Workshop Chair

José Machado, DEM-UMinho , Leonilde Varela, DPS-UMinho

You are cordially invited to participate to the Workshop *“Sustainable Practices to improve Interoperability in Manufacturing Engineering”* in the **International Conference on Interoperability for Enterprise Systems and Applications I-ESA 2016**. Since several years, I-ESA is the major event about Enterprise Interoperability and the official conference of Virtual Laboratory for Enterprise Interoperability ([INTEROP-VLab](#)) with the sponsorship of the International Federation for Information Processing ([IFIP](#)).

Accepted and presented papers will be published by [ISTE Publications UK](#).

Objectives

This Special Workshop on Sustainable Practices in Engineering is focused, by one hand, in improving the sustainability of organizations and manufacturing systems and, on the other hand, in discussing sustainable practices by developing manufacturing systems' controllers guaranteeing dependable behaviour of manufacturing systems. In the first topic some subjects are developed, such as Smart factories and technologies, Flexible Industries, Interoperability; and, on the second hand, other subjects are presented dealing with domains such as modelling, design, analysis, synthesis, control of industrial manufacturing mechatronic systems, guaranteeing safe operation and sustainable resources.

Topics

Smart factories; Smart technologies; Flexible Industries; Interoperability; Energy efficiency in manufacturing and services; Modelling of manufacturing systems; Simulation of manufacturing systems; Formal Verification of manufacturing systems; Design of manufacturing systems; Embedded systems; Networked systems; Software engineering.

Paper Submission

Papers must be in English, describes original work and must follow the [ISTE guidelines](#) for authors. Paper length should be 6 pages for a full paper and 4 pages for a short paper. The selection of the paper will be performed based on the abstract and not on the full paper.

Authors should submit their contributions by email to the Workshop Co-Chair (jmachado@dem.uminho.pt).

Key Dates

- January 15th , 2016, Submission of abstract
- January 30th ,2016, Notification of acceptance
- March 7th , 2016, “final draft” paper
- 29th, 30th March 2016 I-ESA 2016 Workshops
- April 15th , 2016: Camera-ready of the “final version” of the papers, including the summary of the discussion by workshop,

**I-ESA
2016**



29 March - 1 April 2016

INTEROPERABILITY FOR ENTERPRISES SYSTEMS
AND APPLICATIONS

18TH INTERNATIONAL CONFERENCE!



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Portugal**

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Please, consider that **at least one author per paper must register** to the Workshops by **January 15th, 2016**. If none of the authors is registered, the paper will not be included in the workshop programme and in the proceedings.

Further Information about this Workshop

Enquiries to: José Machado and/or Leonilde Varela

(jmachado@dem.uminho.pt;

leonilde@dps.uminho.pt)

Further Information about Conference

Website: www.i-esa.org