

Interoperability for Enterprise Systems and Applications (I-ESA) Workshops 2020

Tarbes, France, November 17-19, 2020

Edited by

Martin Zelm *
Bob Young **
Guy Doumeingts *
Hedi Karray ***
Linda Elmhadbhi ***

* [Interop-VLab](#), Brussels, Belgium

** [University of Loughborough](#), Loughborough, UK

*** [National School of Engineers of Tarbes](#), Tarbes, France

in conjunction with

10th International Conference on Interoperability for
Enterprise Systems and Applications (I-ESA 2020)



Preface

This volume contains the papers presented at the Interoperability for Enterprise Systems and Applications Workshops 2020 held as part of the 10th International Conference on Enterprise Interoperability and Applications (I-ESA 2020) that was held online through the National School of Engineering of TARBES (ENIT), France on November 17-19, 2020. (<https://ies2020.enit.fr/>).

I-ESA 2020 was organised jointly by ENIT and InterOP-VLab (<http://interop-vlab.eu/>) with the event consisting of parallel conference and workshop sessions. The workshop programme was composed with a total of nine workshops and 45 papers with distinct future oriented themes focusing on bridging the gap between research and industry applications.

As well as high scientific quality, I-ESA Workshops aim to facilitate active discussions between the speakers and the workshop participants to encourage a more broadly based understanding of the topics under discussion that can lead to both further research ideas and solutions based implementations. The outcomes of each workshop are reported in the proceedings. Workshops also offer opportunities to promote the results of past or present International, European and national research projects to facilitate the exploitation of these results.

The Workshop topics, aligned with those of the conference, include: Interoperability and Artificial Intelligence in Digital Business Platforms, Industrial Ontologies, Configurable Manufacturing Eco Systems, Zero Defect Manufacturing Platforms, Semantic Modelling and Data Driven Logistics.

Martin Zelm
Bob Young
Guy Doumeingts
Hedi Karray
Linda Elmhadi