



FASSI 2023

The Ninth International Conference on Fundamentals and Advances in Software
Systems Integration

September 25 - 29, 2023

Porto, Portugal

FASSI 2023 Editors

Petre Dini, IARIA, USA/EU

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2023) by International Academy, Research, and Industry Association (IARIA)
Please refer to the Copyright Information page.

Printed with permission by Curran Associates, Inc. (2024)

International Academy, Research, and Industry Association (IARIA)
412 Derby Way
Wilmington, DE 19810

Phone: (408) 893-6407
Fax: (408) 527-6351

petre@iaria.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

Table of Contents

A Machine Learning-based Impact Analysis Tool and its Improvement Using Co-occurrence Relationships <i>Tepei Kawabata, Tsuyoshi Nakajima, Shuichi Tokumoto, Ryota Tsukamoto, and Kazuko Takahashi</i>	1
Evaluating Usability of Artificial Intelligence (AI) Based mHealth Applications Through Cognitive Walkthrough <i>Majed Alshamari</i>	7
Leveraging Digital Twins for Condition Monitoring in Railway Infrastructure <i>Lucas Rocha and Gil Goncalves</i>	18