



SOFTENG 2023

The Ninth International Conference on Advances and Trends in Software
Engineering

April 24th – 28th, 2023

Venice, Italy

SOFTENG 2023 Editors

Luigi Lavazza, Università degli Studi dell'Insubria, Italy

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

Lightweight Sample Code Recommendation System to Support Programming Education <i>Yoshihisa Udagawa</i>	1
Taxonomy of Requirements Specification Templates <i>Hiba Hnaini, Raul Mazo, Paola Vallejo, Jose Galindo, and Joel Champeau</i>	8
Estimating Functional Size of Software with Confidence Intervals <i>Luigi Lavazza, Angela Locoro, and Roberto Meli</i>	14
Projects VS Continuous Product Development - Does it Affect Benefits Realization? <i>Sinan Sigurd Tanilkan and Jo Erskine Hannay</i>	20
A Model Library Tool for Holistic Embedded Software Design <i>Sven Jacobitz and Xiaobo Liu-Henke</i>	26
A Lightweight Method to Define Solver-Agnostic Semantics of Domain Specific Languages for Software Product Line Variability Models <i>Camilo Correa Restrepo, Raul Mazo, Andres Lopez, and Jacques Robin</i>	32
A Federated Source Code Quality Query and Analysis Platform <i>Tugkan Tuglular, Onur Leblebici, Emre Baran Karaca, Nasit Uygun, and Osman Anil Hicyilmaz</i>	41