



INTELLI 2024

The Thirteenth International Conference on Intelligent Systems and Applications

March 10th –14th, 2024

Athens, Greece

INTELLI 2024 Editors

Carsten Behn, Hochschule Schmalkalden, Germany

Vítor H. Pinto, FEUP, Portugal

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© (2024) 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

Using a Dexterous Robotic Hand for Automotive Painting Quality Inspection <i>Bruno Santos, Francisco M. Ribeiro, Gil Goncalves, and Vitor H. Pinto</i>	1
Generation of Captions Highlighting the Differences between a Clothing Image Pair with Attribute Prediction <i>Kohei Abe, Soichiro Yokoyama, Tomohisa Yamashita, and Hidenori Kawamura</i>	7
Analysis of Weather Information and Road Surface Images for Snow Removal Dispatch Prediction <i>Hiroki Okura, Soichiro Yokoyama, Tomohisa Yamashita, and Hidenori Kawamura</i>	17
A Proposal of Road Network Hierarchization Method Based on Betweenness Centrality for Application to Vehicle Routing Problems <i>Masayuki Shimizu, Soichiro Yokoyama, Tomohisa Yamashita, and Hidenori Kawamura</i>	25
Evaluation of Request Order Decision Strategy in the Selection of Substitute Employees for Shift Management Tasks <i>Tomoya Chisaka, Soichiro Yokoyama, Tomohisa Yamashita, and Hidenori Kawamura</i>	33
Enhancing Light Field Video Compression Efficiency via View Selection and Synthesis Techniques <i>Tala Bazzaza, Maissan Bazazeh, Morteza Rashidinia, Weige Qian, Hamid Reza Tohidypour, and Panos Nasiopoulos</i>	43