2022 International Conference on Applied Artificial Intelligence (ICAPAI 2022)

Halden, Norway 5 May 2022



IEEE Catalog Number: CFP22W77-POD ISBN: 978-1-6654-6782-7

Copyright © 2022 by the Institute of Electrical and Electronics Engineers, Inc. All Rights Reserved

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

*** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.

 IEEE Catalog Number:
 CFP22W77-POD

 ISBN (Print-On-Demand):
 978-1-6654-6782-7

 ISBN (Online):
 978-1-6654-6781-0

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

E-mail: curran@proceedings.com Web: www.proceedings.com



ICAPAI 2022 Table of Contents

Table of Contents

Real-Time Environmental Forecasting For Autonomous Aircraft	1
Cluster Analysis on Sustainable Transportation: The Case of New York City Open Data . $Gerjane\ Cinco,\ Enayat\ Rajabi\ and\ Slawomir\ Nowaczyk$	8
Customer Churn Prediction in the Iranian Banking Sector	13
Feasibility of Machine Learning Support for Holistic Review of Undergraduate Applications	19
Cyber Intrusion Detection System based on Machine Learning Classification Approaches . Roseline Oluwaseun Ogundokun, Sanjay Misra, Akinbowale Nathaniel and Sabarathinam Chockalingam	25
Applying Transfer Learning to Traffic Surveillance Videos for Accident Detection	31
The application of artificial intelligence on different types of literature reviews - A comparative study	38
Analyzing Multispectral Satellite Imagery of South American Wildfires Using Deep Learning	45