2020 IEEE International Conference on Machine Learning and Applied Network Technologies (ICMLANT 2020)

Hyderabad, India 20 – 21 December 2020



IEEE Catalog Number: CFP20BGE-POD ISBN: 978-1-7281-8886-7

Copyright © 2020 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:
 CFP20BGE-POD

 ISBN (Print-On-Demand):
 978-1-7281-8886-7

 ISBN (Online):
 978-1-7281-8885-0

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



ICMLANT 2020 Table of Contents

Table of Contents

A Proficient Load Balancing Using Priority Algorithm in Cloud Computing	1
5G-Connected Remote-Controlled Semi-Autonomous Car Trial	7
To Study various Issues and Challenges faced in MOOCs	13
Hybrid Prediction Model For Type-2 Diabetes With Class Imbalance Balasubramanian S, Rishi Kashyap, Surya Teja CVN and Anuradha M	21
Real-time Food-Object Detection and Localization for Indian Cuisines using Deep Neural Networks	27
Developing the New System Using Different Modelfree Methods to Support Decision	33
Blockchain enabled secure healthcare Systems	38
Discrete Wavelet Transform Based Segmentation Approach For Identification Of Cancer Diseases From Mammogram Images	44
Emotion Recognition using Deep Convolutional Neural Network on Temporal Representations of Physiological Signals	50
Palm vein pattern: Extraction and Authentication	56
Face Recognition in Video Streams and its Application in Freedom Fighters Discovery - A Machine Learning Approach	61
Bug Severity Prediction System Using XGBoost Framework	66
Multispectral Image Denoising with Kriging Interpolation Based Wiener Filter	72
Towards Credit-Fraud Detection via Sparsely Varying Gaussian Approximations	78
Estimation of Collision Priority on Traffic Videos using Deep Learning	84
Nepali Speech Recognition using CNN and Sequence Models	90

ICMLANT 2020 Table of Contents

Enhanced Stochastic Gradient Descent with Backward Queried Data for Online Learning . 98 ${\it Gio~Huh}$
Detection of Cardiac Arrhythmia using Spectral Features
Improving Transformer based Neural Machine Translation with Source-side Morpho-linguistic Features
Apple and Grape Leaf Diseases Classification using Transfer Learning via Fine-tuned Classifier
Machine Learning Techniques to Identify Potential Drug Targets for Anti-Epileptic Drugs 11' Arvind Kumar, Chintalapati Janaki, M. V. Hosur and Supriya N. Pal
Multi-Terrain Backyard Farming Manually Controlled Arduino Bot
Modified Model-Agnostic Meta-Learning
Computer-aided Detection of Congestive Heart Failure based on Nonlinear HRV Features. 13: Dipen Deka and Bhabesh Deka
Comorbidity Impact on COVID-19
COVID-19 OUTBREAK IN INDIA- Flattening the Curve and Raising the Line