

# 3rd International Conference on Applied Machine Learning and Data Analytics AMLDA 2021

Time zone: Central European Time (CET)

Day 1: December 16, 2021 (1:00 pm – 3:30 pm, CET)

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Zoom link (day 1): <https://tinyurl.com/3k3wha6h>

## Welcome (1:00 pm – 1:05 pm)

JVR Ravindra, Principal, Vardhaman College of Engineering, Hyderabad

KC Santosh (USA), *General Chair*

Antoine Vacavant (France), *General Chair*

MA Jabbar (India), *General Chair*

## Keynote speaker (1:05 pm – 1:50 pm)

Mufti Mahmud, Nottingham Trent University, UK

Break (5 mins)

## Session 1 (1:55 pm - 3.00 pm)

- 2 Convolutional neural network models for skin cancer detection
- 5 Meticulous Presaging HD Results for sarcopenic LRMM and CA calcification in healthy adults using Machine learning
- 10 Analysis of Microarray Data using ACO-mRMR and Hybrid Naive Bayes Algorithm
- 17 AISVCR: An Artificially Intelligent Semantically Driven Approach for Video Classification and Recommendation
- 18 JRHDLI: An Approach Towards Job Recommendation Hybridizing Deep Learning and Semantic Intelligence
- 24 Univariate feature fitness measures for classification problems: An empirical assessment
- 33 Autism Spectrum Disorder Voice Analysis Using Natural language processing

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## Day 2: December 17, 2021 (2:00 pm - 4.30 pm, CET)

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Zoom link (day 2): <https://tinyurl.com/tnaeuusu>

Welcome (2:00 pm - 2:30 pm)

**Keynote speaker (2:30 pm - 3:15 pm)**

Mickaël Coustaty, L3i laboratory, Université de La Rochelle, France

Break (5 mins)

**Session 2 (3:20 pm- 4:30 pm)**

- 42 Predictive Analysis of Asthma as a side effect of Vaccination using Machine Learning Algorithms
- 46 Object Detection and Activity Recognition in Video Surveillance using Neural Networks
- 52 The Machine Learning Based Model Validation Frameworks
- 53 Use of the CRF Classifier in Named Entity Recognition
- 54 Fuzzy Forests For Feature Selection in High-Dimensional Survey Data: An Application to the 2020 U.S. Presidential Election
- 56 Online Grocery Shopping: New Future in India? Factors influencing the buying behavior of the customers shopping online
- 59 An Efficient Intrusion Detection System using Unsupervised Learning AutoEncoder
- 65 Trust in electronic banking with the use of cell phones for user satisfaction
- 68 Cough Sound Analysis for the Evidence of Covid-19
- 69 AI Based Decision-Tree Classifier for CVDs Diagnosis Using Ensemble Feature Engineering

**Closing:**

Sanju Tiwari, Program Chair

Ayush Goyal, Tutorial Chair

Fernando Ortiz Rodriguez, Program Chair

Announcement: next event **AMLDA 2022!**