SCHEDULE

The 5th International Conference on Applied Machine Learning and Data Analytics 2022

December 22, 2022
9:00 am – 4:50 pm
Central Time (Chicago)

9:00 am – 9:15 am	**AMLDA 2022 opening day one** **Main Chairs**

9:15 am – 10:15 am	**Professor Stefan Kramer** 35 Years of Scientific Discovery: Computational Explorations of the Creative Processes': From the Early Days to the State of the Art
10:15am – 10:30 am	**Break**

	Conferences Day 1　　　　　　　　**Session 1** **(Session Chair: Dr Karthikeyan, Vardhaman College of Engineering)**

10:30 am – 10:45 am	Mansi and Aleem Ali. Blockchain Intelligence: fusion for future Various Possibilities and Opportunities in Industrial IoT
10:45 am – 11:00 am	Bhaveeasheshwar E and Gerard Deepak. SMDKGG: A Socially Aware Meta Data Driven Knowledge Graph Generation for Disaster Tweets
11:15 am – 11:30 am	Mala Saraswat and Ayushi Agarwal. Handwriting Recognition for Predicting Gender and Handedness using Deep Learning

11:30 am – 11:45 am	Soumith Asani, Honey Priya Reddy, Sujan Reddy and Jagadish R M. Sign Language Recognition using CNN and Storage Optimization Algorithm
11:45 am – 12:00 pm	Anand Meti, Akanksha Rao and Pratyush Jha. Brain MRI Image Classification using Deep Learning
12:00 pm – 12:15 pm	Q&A Session 1
12:15 pm – 1:00 pm	Lunch Break
	Conferences Day 1 **Session 2** **(Session Chair: Dr. Somaraju Suvvari NIT Patna)**
1:00 pm – 1:15 pm	Anupama Bhan, Parthasarathi Mangipudi and Ayush Goyal. Spatial Shape Information based clustering for Left Ventricle Segmentation in Short-Axis Cardiac Magnetic Resonance Image
1:15 pm – 1:30 pm	Dharmeshkumar Shah and Harshal Arolkar. A novel approach: Semantic web enabled subject searching for Union Catalogue
1:30 am – 1:45 pm	Anasua Banerjee, Vinay Kumar and Debajyoty Banik. Better Qualitative Searching for Effecting the Performance of Machine Translation
1:45 am – 2:00 pm	Asdrubal López-Chau, Rafael Rojas, David Valle-Cruz and Valentín Trujillo-Mora. Retrieval of weighted Lexicons based on supervised learning method
2:00 am – 2:15 pm	Q&A Session 2
	Conferences Day 1 **Session 3** **(Session Chair: Kusum Lata, Sharda University, Noida, India)**

| 2:15 pm – 2:30 pm | Sinayobye Omar, Musabe Richard, Uwitonze Alfred and Ngenzi Alexander. |
| | A credit card fraud detection model using machine learning methods with a hybrid of undersampling and oversampling for handling imbalanced datasets for high scores. |

| 2:30 pm – 2:45 pm | Emon Asad, Atikul Islam, Asfaque Alam and Ayatullah Faruk Mollah. |
| | Univariate feature fitness measures for classification problems: An empirical assessment |

| 2:45 pm – 3:00 pm | Josimar Chire Saire, Anabel Pineda-Briseño and Jimy Frank Oblitas Cruz. |
| | How People in South America is Facing Monkeypox Outbreak? |

| 3:00 pm – 3:15 pm | Yuvraj Singh, Agni Datta, Dr. Smita Shandilya and Prof. Shishir Kumar Shandilya. |
| | Securing Advanced Metering Infrastructure using Blockchain for Effective Energy Trading |

| 3:15 pm – 3:30 pm | Q&A Session 3 |

| 3:30 pm | End of First Day |

DAY TWO

The 5th International Conference on Applied Machine Learning and Data Analytics 2022

December 23, 2022
9:00 am – 4:50 pm
Central Time (Chicago)

| 9:00 am – 9:15 am | AMLDA 2022 opening day two |
| | Main Chairs |

9:15 am – 10:15 am	**Dr. Edlira Kalemi Vakaj** Knowledge Graphs for Sustainability
10:15am – 10:30 am	**Break**
	Conferences Day 2　　　　　　**Session 4**
10:30 am – 10:45 am	Oluwatobi Akinlade, Edlira Vakaj, Amna Dridi, Sanju Tiwari and Fernando Ortiz-Rodriguez Semantic Segmentation of The Lung to Examine the Effect of COVID-19 using UNET Model
10:45 am – 11:00 am	Uwizeyimana Theodosie, Alexander Ngenzi and Enan M Nyesheja. IoT- Based System To Monitor Health Conditions of Elderly
11:15 am – 11:30 am	A Josephine Atchaya, J Anitha, Asha Gnana Priya, J Jacinth Poornima and Jude Hemanth. Multi-level Classification of Satellite Images using Pre-trained AlexNet Architecture
11:30 am – 11:45 am	E Smily Jeya Jothi, J Anitha and D Jude Hemanth. Keratoconus Classification using Fea-ture Selection and Machine Learning Approach
11:45 am – 12:00 pm	Akhilesh Kumar Singh and Shikha Mehta. Performance evaluation of Smart Flower Optimization Algorithm over Industrial Non-Convex Constrained Optimization Problems
12:00 pm – 12:15 pm	Q&A Session 4
12:15 pm – 1:00 pm	Lunch Break
	Conferences Day 2　　　　　　　Session 5
1:00 pm – 1:15 pm	Amour Salim Mohammed, Gerard Rushingab and Celestin Twizerere.

	Design and Prototyping of an IoT-Based Cloves Quality Evaluation and Control System
1:15 pm – 1:30 pm	Umurerwa Marie Adeline, Harerimana Gaspard and Kabandana Innocent. A Real Time Face Recognition Attendance using Machine Learning
1:30 pm – 1:45 pm	Shobha Rani, Bharathi S and Piyush Kumar Pareek. Deep Learning Methods to Automate Embryo Classification and Evaluation
1:45 pm – 2:00 pm	Pratibha Nayar, Shivank Chhibber and Ashwani Kumar Dubey. Implementation of YOLOv7 Model for Pest Detection
2:00 pm – 2:15 pm	Sonali Vyas, Ridoan Karim and Mitali Chugh. Revolution of Indian education sectors post-pandemic era: A Deep dive
	Conferences Day 2 Session 6
2:15 pm – 2:30 pm	Shankru Guggari, Chandan Srivastava B, Vivek Kumar, Halli Harshita, Vishal Farande, Uday Kulkarni and Meena S M. RU-Net: A Novel Approach for Gastro-Intestinal Tract Image Segmentation using Convolutional Neural Network
2:30 pm – 2:45 pm	Pritha Das, Udit Chawla and Subrata Chattopadhyay. Online Grocery Shopping: - Key Factors to Understand Shopping Behavior from Data Analytics Perspective
2:45 pm – 3:00 pm	Ruben Barrera-Hernandez, Viridiana Barrera-Soto, Jose L. Martinez-Rodriguez, Ana B. Rios-Alvarado and Fernando Ortiz-Rodriguez Towards abalone differentiation through machine learning
3:00 pm – 3:15 pm	Patience Usoro Usip, Ekrika Kenewenemor and Francis Osang. An IoT-based blood pressure monitoring system using Support Vector Machine

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3:15 pm – 3:30 pm	Q&A Session 6
3:30 pm	Closing Ceremony AMLDA 2022