SCHEDULE

# DAY ONE

# 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** |

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| --- | --- | --- | --- | --- | --- |
| 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 | |  | |
| 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** |

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