6th World Congress on Artificial Intelligence and Machine Learning November 17-18, 2022, Double Tree by Hilton, Beijing, China	
Day 1- November 17, 2022	
09:40-10:00	**Introduction, Welcome note and Conference Inauguration**
	Keynote Sessions
10:00-10:20	**Title: Utility Mining Across Multi-Dimensional Sequences**
	Wensheng Gan, Jinan University, China
10:20-10:40	**Title: Deep Graph Matching and Searching for Semantic Code Retrieval**
	Xiang Ling, Zhejiang University, China
10:40-11:00	**Title: Self-Adaptive Skeleton Approaches to Detect Self-Organized Coalitions From Brain Functional Networks Through Probabilistic Mixture Models**
	Tomas E. Ward, Dublin City University, Dublin, Ireland
	Tea and Refreshments Break- 11:00-11:20
	Breakout Room 1- Speaker Sessions- Day 1
11:20-11:35	**Title: Dual-Embedding based Deep Latent Factor Models for Recommendation**
	Weiyu Cheng, Shanghai Jiao Tong University, Shanghai, China
11:35-11:50	**Title: Modelling and optimization of integrated distributed flow shop scheduling and distribution problems with time windows**
	Yaping Fu, Qingdao University, China
11:50-12:05	**Title: DeepDepict: Enabling Information Rich, Personalized Product Description Generation With the Deep Multiple Pointer Generator Network**
	Hao Wang, Northwestern Polytechnical University, China
12:05-12:20	**Title: Adaptive Influence Maximization: If Influential Node Unwilling to Be the Seed**
	Jianxiong Guo, The University of Texas at Dallas, USA
12:20-12:35	**Title: Streaming Social Event Detection and Evolution Discovery in Heterogeneous Information Networks**
	Renyu Yang, University of Leeds, UK
12:35-12:50	**Title: Improved Customer Lifetime Value Prediction With Sequence-To-Sequence Learning and Feature-Based Models**
	Josef Bauer, University of Klagenfurt, Klagenfurt am Wörthersee, Austria

	Session Wrap 12:50- 13:00
	Lunch Break 13:00- 13:45
13:45-14:00	**Title: A Method for Mining Granger Causality Relationship on Atmospheric Visibility**
	Jiangqiang Li, Beijing University of Technology, Beijing, China
14:00-14:15	**Title: Interpretable ontology meta-matching in the biomedical domain using Mamdani fuzzy inference**
	Jose Manuel Chaves-Gonzalez, University of Extremadura, Spain
14:15-14:30	**Title: Exploring BCI Control in Smart Environments: Intention Recognition Via EEG Representation Enhancement Learning**
	Robert Boots, Royal Brisbane Women's Hospital, Australia
14:30-14:45	**Title: Anomaly Detection With Kernel Preserving Embedding**
	Huawen Liu, Zhejiang Normal University, P.R. China
14:45-15:00	**Title: Product verification using OCR classification and Mondrian conformal prediction**
	Rachid Oucheikh, Jönköping AI Lab, Jönköping University, Sweden
	Tea and Refreshments Break 15:00-15:15
15:15-15:30	**Title: Group risk assessment in failure mode and effects analysis using a hybrid probabilistic hesitant fuzzy linguistic MCDM method**
	Yan Ran, Chongqing University, China
15:30-15:45	**Title: Novel regularization method for the class imbalance problem**
	Youngjoong Ko, Sungkyunkwan University, South Korea
15:45-16:00	**Title: Principal Component Analysis in MCDM: An exercise in pilot selection**
	Gage Halverson, Montana State University, USA
16:00-16:15	**Title: Privacy-preserving credit evaluation system based on blockchain**
	Yuncheng Qiao, Hunan University, China
16:15-16:30	**Title: Broken stitch detection method for sewing operation using CNN feature map and image-processing techniques**
	Hyungjung Kim, Seoul National University, Republic of Korea
	Room 1 Session Wrap 16:30- 16:40
	Breakout Room 2- Speaker Sessions- Day 1
11:20-11:35	**Title: Unstructured borderline self-organizing map: Learning highly imbalanced, high-dimensional datasets for fault detection**

	Jaeyeon Jang, Northwestern University, United States
11:35-11:50	**Title: POSIMNET-R: An immunologic resilient approach to position routers in Industrial Wireless Sensor Networks**
	Jorge Luís Machado do Amaral, Universidade do Estado do Rio de Janeiro (UERJ), Brazil
11:50-12:05	**Title: Critique on Natural Noise in Recommender Systems**
	Jacques Bou Abdo, University of Nebraska at Kearney, NE, USA
12:05-12:20	**Title: Tiered Sampling: An Efficient Method for Counting Sparse Motifs in Massive Graph Streams**
	Erisa Terolli, Max Planck Institute for Informatics, Stuhlsatzenhausweg, Saarbrücken, Germany
12:20-12:35	**Title: An ensemble deep learning for automatic prediction of papillary thyroid carcinoma using fine needle aspiration cytology**
	Nguyen Thanh Duc, McGill University, Canada
12:35-12:50	**Title: Joint Opposite Selection (JOS): A premiere joint of selective leading opposition and dynamic opposite enhanced Harris' hawks optimization for solving single-objective problems**
	Sirapat Chiewchanwattana, Khon Kaen University, Thailand
	Session Wrap 12:50- 13:00
	Lunch Break 13:00- 13:45
13:45-14:00	**Title: Development of a service parts recommendation system using clustering and classification of machine learning**
	Young-Hwan Choi, KD Navien Co. Ltd., Republic of Korea
14:00-14:15	**Title: When is resampling beneficial for feature selection with imbalanced wide data?**
	Ismael Ramos-Pérez, Universidad de Burgos, Spain
14:15-14:30	**Title: Monotonic Takagi–Sugeno models with cubic spline membership functions**
	Petr Hušek, Czech Technical University in Prague, Czech Republic
14:30-14:45	**Title: Classification of Individual's discrete emotions reflected in facial microexpressions using electroencephalogram and facial electromyogram**
	Hodam Kim, Hanyang University, South Korea
14:45-15:00	**Title: Efficient machine learning approach for volunteer eye-blink detection in real-time using webcam**
	Paulo Augusto de Lima Medeiros, Federal University of Rio Grande do Norte (UFRN),

	Brazil
	Tea and Refreshments Break 15:00-15:15
15:15-15:30	**Speaker Slots Available**
15:30-15:45	**Speaker Slots Available**
15:45-16:00	**Speaker Slots Available**
16:00-16:15	**Speaker Slots Available**
16:15-16:30	**Speaker Slots Available**
	Room 2 Session Wrap 16:30- 16:40
Day 2- November 18, 2022	
	Keynote Sessions
09:30-09:50	**Title: Harshness-aware sentiment mining framework for product review**
	Xun Wang, Zhejiang Gongshang University, China
09:50-10:10	**Title: Extraction and evaluation of formulaic expressions used in scholarly papers**
	Akiko Aizawa, The University of Tokyo, Japan
	Breakout Room-1 Speaker Sessions- Day 2
10:10-10:25	**Title: A new scheme for probabilistic forecasting with an ensemble model based on CEEMDAN and AM-MCMC and its application in precipitation forecasting**
	Zhenxiang Xing, Northeast Agricultural University, China.
10:25-10:40	**Title: An influence diagram approach to automating lead time estimation in Agile Kanban project management**
	Eric Weflen, Iowa State University, USA
10:40-10:55	**Title: Distinguishing between fake news and satire with transformers**
	Jwen Fai Low, McGill University, Canada
	Tea and Refreshments Break 10:55-11:10
11:10-11:25	**Title: Using Bayesian belief networks to improve distributed situation awareness in shift changeovers: A case study**

	Fernando Gonçalves Amaral, Federal University of Rio Grande do Sul, Brazil
11:25-11:40	**Title: Efficient high-dimension feature selection based on enhanced equilibrium optimizer**
	Mohamed Abd Elaziz, Ajman University, United Arab Emirates
11:40-11:55	**Title: Joint sparse principal component regression with robust property**
	Jingwen Tu, Chongqing University, China
11:55-12:10	**Title: Anomaly detection based on a granular Markov model**
	Witold Pedrycz, University of Alberta, Canada
12:10-12:25	**Title: Self-aligned CH3NH3PbBr3 perovskite nanowires via dielectrophoresis for gas sensing applications**
	Jihoon Choi, Chungnam National University, Republic of Korea
12:25-12:40	**Title: Exponential Gradient with Momentum for Online Portfolio Selection**
	Chaochao Chen, Zhejiang University, China
12:40-12:55	**Title: Efficient ensemble for image-based identification of Pneumonia utilizing deep CNN and SGD with warm restarts**
	Vili Podgorelec, University of Maribor, Slovenia
	Session Wrap 12:55- 13:05
	Lunch Break 13:05- 13:50
13:50-14:05	**Title: Quantum ReLU activation for Convolutional Neural Networks to improve diagnosis of Parkinson's disease and COVID-19**
	Luca Parisi, University of Bradford, United Kingdom
14:05-14:20	**Title: Hybrid embedding-based text representation for hierarchical multi-label text classification**
	Xiaofeng Liu, North China Electric Power University, China
14:20-14:35	**Title: Potential buyer identification and purchase likelihood quantification by mining user-generated content on social media**
	Zhaoguang Xu, Dalian University of Technology, China
14:35-14:50	**Title: Customized prediction of attendance to soccer matches based on symbolic regression and genetic programming**
	Agnieszka Kamińska, Polish Academy of Sciences, Poland
14:50-	**Title: Evaluation of split-and-rephrase output of the knowledge extraction tool in the**

15:05	**intelligent tutoring system**
	Branko Žitko, University of Split, Croatia
	Tea and Refreshments Break 15:05-15:20
	Poster Presentation 15:20- 16:20
	Closing and Award Ceremony 16:20-16:40
	Breakout Room-2 Speaker Sessions- Day 2
10:10-	**Title: Tracking social media during the COVID-19 pandemic: The case study of lockdown in New York State**
10:25	Marina Litvak, Shamoon College of Engineering, Israel
10:25-	**Title: Type-2 fuzzy logic based transit priority strategy**
10:40	Aleksandar Jovanović, University of Kragujevac, Serbia
10:40-	**Title: Robustness of transfer learning to image degradation**
10:55	Sijin Ren, Yale University, USA
	Tea and Refreshments Break 10:55-11:10
11:10-	**Title: Blind robust image watermarking based on adaptive embedding strength and distribution of quantified coefficients**
11:25	Lusia Rakhmawati, Universitas Negeri Surabaya, Indonesia
11:25-	**Title: HIN2Grid: A disentangled CNN-based framework for heterogeneous network learning**
11:40	Chuan Chen, Sun Yat-sen University, China
11:40-	**Title: Customized prediction of attendance to soccer matches based on symbolic regression and genetic programming**
11:55	Guilherme L. Tortorella, The University of Melbourne, Australia
11:55-	**Title: A multi-objective elitist feedback teaching–learning-based optimization algorithm and its application**
12:10	Ruiqing Jiang, Soochow University, PR China
12:10-	**Title: Density Guarantee on Finding Multiple Subgraphs and Subtensors**
12:25	Quang-huy Duong, Norwegian University of Science and Technology, Norway
12:25-	**Title: PATRON: Exploring respiratory signal derived from non-contact face videos for face anti-spoofing**
12:40	Getulio P. Oliveira-Jr, Harvard Medical School, United States
12:40-	**Title: A framework for feature selection through boosting**

12:55	George Azzopardi, University of Groningen, The Netherlands
	Session Wrap 12:55- 13:05
	Lunch Break 13:05- 13:50
13:50-14:05	**Title: Automatic children's personality assessment from emotional speech**
	Ismael E. Espinosa-Curiel, Ciudad del Conocimiento, Tepic, Nayarit, Mexico
14:05-14:20	**Speaker Slots Available**
14:20-14:35	**Speaker Slots Available**
14:35-14:50	**Speaker Slots Available**
14:50-15:05	**Speaker Slots Available**
	Tea and Refreshments Break 15:05-15:20
	Poster Presentation 15:20- 16:20
	Closing and Award Ceremony 16:20-16:40
	Posters
Poster 1	**Title: An effective approach to detect the source(s) of out-of-control signals in productive processes by vector error correction (VEC) residual and Hotelling's T2 decomposition techniques**
	Renan Mitsuo Ueda, University of Santa Maria, Brazil
Poster 2	**Title: Utility-preserving differentially private skyline query**
	Qiujun Lan, Hunan University, China
Poster 3	**Title: Using binary classifiers for one-class classification**
	Seokho Kang, Sungkyunkwan University, Republic of Korea
Poster 4	**Title: Knowledge-based decision support for machine component design: A case study**
	Bram Aerts, KU Leuven, De Nayer Campus, Belgium
Poster 5	**Title: The evaluation of dripping behaviors during the manufacturing process based on image processing method: Application to the Ginkgo biloba leaf dripping pills**
	Xiaoping Wang, Zhejiang University, China

Poster 6	**Title: An automatic trading system for fuzzy portfolio optimization problem with sell orders** Yong Zhang, Guangdong University of Technology, China
Poster 7	**Title: IntelliSwAS: Optimizing deep neural network architectures using a particle swarm-based approach** Gabriela Czibula, Babeş-Bolyai University, Romania
Poster 8	**Title: A speed-up procedure for the hybrid flow shop scheduling problem** Victor Fernandez-Viagas, University of Seville, Spain
Poster 9	**Title: Citation recommendation using semantic representation of cited papers' relations and content** Jinzhu Zhang, Nanjing University of Science and Technology, China
Poster 10	**Title: Multi-objective lichtenberg algorithm: A hybrid physics-based meta-heuristic for solving engineering problems** Matheus Brendon Francisco, Federal University of Itajubá (UNIFEI), Brazil
Poster 11	**Title: Detection of sleep apnea using Machine learning algorithms based on ECG Signals: A comprehensive systematic review** Amin Hosseinian-Far, University of Northampton, UK
Poster 12	**Title: Promoting smart tourism personalised services via a combination of deep learning techniques** Constantinos Patsakis, University of Piraeus, Greece
Poster 13	**Title: A predictive model for chinese children with developmental dyslexia—Based on a genetic algorithm optimized back-propagation neural network** Runzhou Wang, Chinese Academy of Sciences, China
Poster 14	**Title: LA-HCN: Label-based Attention for Hierarchical Multi-label Text Classification Neural Network** Charlie Soh, Nanyang Technological University, Singapore
Poster 15	**Title: Geographical discrimination of propolis using dynamic time warping kernel principal components analysis** Karl Ezra Pilario, University of the Philippines, Philippines
Poster 16	**Title: Automatic diagnosis for aggressive posterior retinopathy of prematurity via deep attentive convolutional neural network**

	Hai Xie, Shenzhen University, China
	Title: Robust triple extraction with cascade bidirectional capsule network
Poster 17	Ningyu Zhang, Zhejiang University, China
	Title: Improving the state-of-the-art in the Traveling Salesman Problem: An Anytime Automatic Algorithm Selection
Poster 18	Isaías I. Huerta, Universidad de Concepción, Chile
	Title: : COVID-19 adopted Hybrid and Parallel deep information fusion framework for stock price movement prediction
Poster 19	Farnoush Ronaghi, Concordia University, Canada
	Title: Power prediction for a vessel without recorded data using data fusion from a fleet of vessels
Poster 20	T.D. Savasta, University of Southampton, UK
	Title: A deceptive reviews detection model: Separated training of multi-feature learning and classification
Poster 21	Ning Cao, Shandong University of Science and Technology, China
	Title: Order batching and sequencing for minimising the total order completion time in pick-and-sort warehouses
Poster 22	Lijun Sun, Dalian University of Technology, China
	Title: Combat process simulation and attrition forecasting based on system dynamics and Multi-agent modeling
Poster 23	Bo Peng, Academy of Military Medical Sciences, China
	Title: Semiconductor final testing scheduling using Q-learning based hyper-heuristic
Poster 24	Hong-Bo Song, Zhejiang University, China
	Title: A fairer assessment of DMUs in a generalised two-stage DEA structure
Poster 25	Marios Dominikos Kremantzis, University of Bristol, UK
	Title: Semantic modelling of Earth Observation remote sensing
Poster 26	José F. Aldana-Martín, University of Málaga, Spain
	Title: Interval prediction of short-term traffic speed with limited data input: Application of fuzzy-grey combined prediction model
Poster 27	Zhanguo Song, Southeast University, China

Poster 28	**Title: Machine learning models for forecasting power electricity consumption using a high dimensional dataset**
	Pedro C. Albuquerque, Campus Universitário Darcy Ribeiro, Brazil
Poster 29	**Title: Monitoring multi-domain batch process state based on fuzzy broad learning system**
	Chang Peng, Beijing University of Technology, China.
Poster 30	**Title: Weighted earliness/tardiness parallel machine scheduling problem with a common due date**
	Marco Schutten, University of Twente, The Netherlands
Poster 31	**Title: Automatic identification and evaluation of Fibonacci retracements: Empirical evidence from three equity markets**
	Prodromos Tsinaslanidis, Hellenic Open University, Greece
Poster 32	**Title: Service planning oriented efficient object search: A knowledge-based framework for home service robot**
	Guohui Tian, Shandong University, China
Poster 33	**Title: Single and multiple drones detection and identification using RF based deep learning algorithm**
	Boban Sazdić-Jotić, University of Defence in Belgrade, Serbia
Poster 34	**Title: Identification of the Choquet integral parameters in the interaction index domain by means of sparse modeling**
	Leonardo Tomazeli Duarte, University of Campinas (UNICAMP), Brazil