

5th International Conference on Artificial Intelligence & Machine Learning November 17-18, 2025 London, UK	
DAY-1 (November 17)	
08:00-08:30	Registrations
08:30-09:00	Opening Remarks
Keynote/Plenary Session	
09:00-09:30	<i>Semi-Markov Models for Process Mining in Smart Homes</i>
	Prof. Sally-McClean , Ulster University, United Kingdom
09:30-10:00	<i>Leveraging AI Beings for Personalized Learning and Patient Engagement</i>
	Dr. Marcos Sanchez-Gonzalez , School of Health Services Administration, Bradenton, USA
10:00-10:20	Group Photo
	Refreshment Break @ foyer
Technical Session-I	
10:20-10:40	<i>A Multimodal Retrieval Augmented Generation Framework Using MedGemma for Breast Cancer Diagnosis</i>
	Dr. Elvis Twumasi , KNUST, Ghana
10:40-11:00	<i>Urine Metabolomic Profiling and Machine Learning in ASD Diagnosis: Toward Precision Treatment</i>
	Dr. Shazman , The Open University of Israel
11:00-11:20	<i>E-life around us in Bangkok, Thailand Semi-Markov Models for Process Mining in Smart Homes</i>
	Dr. Chutima Kitty Tongsaluay , National Institute of Development Administration , Thailand
11:20-11:40	<i>Systemic Risk of Using AI-Generated Synthetic Data for Training and Testing of Autonomous Vehicles</i>
	Dr. Qian Lu , Coventry University, United Kingdom
11:40-12:00	<i>Congenital Heart Disease Classification Using Phonocardiograms: A scalable Screening Tool for Diverse Environments</i>
	Mr. Abdul Jabbar , Monash University, Australia
12:00-12:20	<i>AI-Driven Wood Sorting: Automating Quality Assessment with Computer Vision</i>
	Dr. Julia Achatz , Empa, Switzerland
12:20-12:40	<i>Decoding synthetic news: an interpretable multimodal framework for the classification of news articles in a novel news corpus</i>
	Mr. Michael Schlee , The University of Goettingen, Germany

12:40-13:00	<i>Predict, Personalise, Perform: How Advanced Analytics is Transforming Customer Experience</i> Dr. Sajal Kanti Howlader , Greene King Limited United Kingdom
13:00- 13:50	Lunch @ Restaurant
	Poster Presentation
	<i>Poster: Graph-Based Clustering and Large Language Models for Scalable Summarization of Safety Reports in Manufacturing Environments</i> Mattia Beretta , Pirelli & C. S.p.A., Milano, Italy
Keynote/Plenary Session	
14:00-14:30	<i>The AI Revolution - and our Responsibility for the Future of Humans, Organizations and Machines</i> Prof. Ing. Klaus Henning , RWTH Aachen University, Germany
14:30- 15:00	<i>Challenges to AIML in Industry 4.0 applications</i> Prof. Soumaya Yacout , Polytechnique Montreal, Canada
Technical Session-II	
15:00-15:20	<i>Static and Dynamic Connectionism</i> Dr. Robert Worden , United Kingdom
15:20-15:40	<i>Internet of Robotic Things Intelligent Connectivity and Platforms."The Autonomous Intelligent Nexus: Internet of Robotic Things Embedding Edge AI, Connectivity, and Platforms</i> Dr. Ovidiu Vermesan , SINTEF, Norway
15:40-16:00	<i>Using Machine Learning in Developing an Effective Metric Model for Measuring Customer Trust Satisfaction: A Viewpoint of Australian Trustworthy Digital Society Granted Project</i> Dr. Robert M. X. Wu , University of Technology Sydney Australia
16:00-16:20	<i>A Deep Learning Feature Importance Test Framework for Integrating Informative High-dimensional Biomarkers to Improve Disease Outcome Prediction</i> Prof. Baiming Zou , University of North Carolina USA
16:20-16:40	Refreshment Break @ foyer
16:40-17:00	<i>A Novel Framework for Belief and Plausibility Measures in Intuitionistic Fuzzy Sets: Belief and Plausibility Distance, Similarity, and TOPSIS for Multicriteria Decision Making</i> Mr. Ferhat Musa Uysal , Turkcell Payment and Electronic Money Services Inc, Turkey
17:00-17:20	<i>Dynamic Job Shop Scheduling Using Deep Reinforcement Learning: A Double Deep Q-learning Approach</i> Mrs. Chinyere Rosemary Ngwu , University of Glasgow, UK
17:20-17:40	<i>Bayesian Analysis of Change Point Problems Using Conditionally Specified Priors</i>

17:20-17:30	Golnaz Shahtahmassebi , Nottingham Trent University, UK
17:40-18:00	<i>Exploring the potential of YOLOv8 in hybrid models for facial mask identification in diverse environments</i>
	Fernando Rodrigues Trindade Ferreira ,Brazil
Day-1 Concludes	
Pannel Discussions	
DAY-2 (November 18)	
Technical Session-I	
09:00-09:25	<i>Predicting Antarctic Blizzards Using Hybrid Deep Learning Models on Meteorological Data</i>
	Dr. V S SAMY , National Centre for Polar and Ocean Research, India
09:25-09:50	<i>Leftover Food Recognition Using Deep Learning</i>
	Dr. Xiaoyan Dai , KYOCERA Corporation , Japan
09:50-10:15	<i>Artificial thinking and doomsday projections: a discourse on trust, ethics and safety</i>
	Miss. Elaf A.Saeed ,Al-Nahrain University, Iraq
10:15-10:40	<i>Knowledge-Infused in Transformers for Text Classification in Low-Resource Languages</i>
	Prof. Muhammad Shahid Iqbal I Malik , HITEC University, Taxila, Pakistan
10:40-11:05	<i>Exploring potential circRNA biomarkers for cancers based on double-lineheterogeneous graph representation learning</i>
	Miss. ZhenMei Wang , GuangXi Vocational & Technical College, China
11:05-11:30	TBA
	Temenuzhka Kurteva , Bilgaria
11:30-11:40	<i>Enhanced State of Charge Estimation for Lithium-Ion Batteries Using xLSTM Networks</i>
	Dr. Florian Krebs , JOANNEUM Research, Austria
11:40-11:50	<i>Enhancing Deep Learning Models for Predicting Smoking Status Using Clinical Data in Patients with COPD</i>
	Miss. Sehyun Cho ,College of Nursing, Chonnam National University, South-korea
11:50-12:15	<i>Dr. Ai in Health Care</i>
	Sarah Allabun , Princess Nourah bint Abdulrahman University , Saudi-Araiba
12:15-12:40	<i>On predicting an NBA game outcome from half-time statistics</i>

12:15-12:40	Dr. Michail Tsagris , University of Crete , Greece
12:40-13:10	<i>Can we go on trusting AI?</i> Prof. Dietrich Brandt , RWTH Aachen University
13:10-13:35	<i>Artificial Intelligence Assisted Risk Prediction Models in Organ Transplantation</i> Prof. Nithya Krishnan , UHCW, Coventry, UK
13:35-14:00	<i>The Myth of the Linear Tech Career: How Non-Traditional Paths Build Better Designers</i> Mr. Richard Adesoye , AI in Science Education, UK
14:00-14:25	<i>Human-Centric AI: Enhancing Human Decision Making</i> Dr. Marcel Koeleman
14:25-14:50	<i>Enhanced State of Charge Estimation for Lithium-Ion Batteries Using xLSTM Networks</i> Prof. Pertti Saariluoma , JY, Finland
14:50-15:15	<i>Enhanced State of Charge Estimation for Lithium-Ion Batteries Using xLSTM Networks</i> Dr. Osondu Oguike , University of Johannesburg, South-Africa
15:15-15:40	<i>A Tutorial and Use Case Example of the eXtreme Gradient Boosting (XGBoost) Artificial Intelligence Algorithm for Drug Development Applications</i> Dr. Jackson Burton , Biogen, USA
15:40-16:05	<i>Machine Learning for Real-time Detection of Complications during Neurosurgery</i> Dr. David Miller , University of Oklahoma, USA
16:05-16:30	<i>Beating Bad-Actor AI</i> Prof. Neil Johnson , George Washington University, USA
Closing remarks	
This is tentative agenda and subjected to changes. To book your slot, please reach us at chris@urforum.org	