

International Conference



October 26-27, 2026



Paris, France



AICR 2026
AI • CYBERSECURITY • RESILIENCE

ISBN: 978-1-917892-57-5



Artificial Intelligence
October 26-27, 2026

ISBN: 978-1-917892-56-8



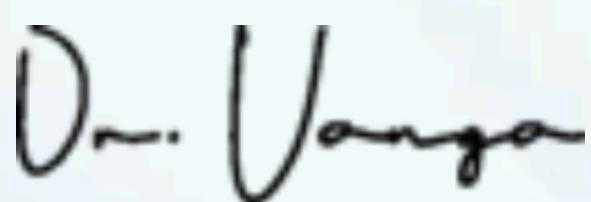


LETTER FROM THE DIRECTOR

On behalf of United Research Forum, UK we are pleased and delighted to welcome the organization of the International Conference at Van der Walk Hotel Paris CDG Airport, Paris, France from 26 to 27 October, 2026.

Our goal is to providing an international forum where international scientists meet with scientists from the different fields of Artificial Intelligence and Cybersecurity sectors to exchange ideas and information on current trends of research results and practical experiences. We are looking forward to welcoming all of you in France and to have with you an excellent meeting with great scientists from different countries around the world and sharing new and exciting results in the different subjects of the conference.

We hope that you will enjoy your stay in France and advice you to take this opportunity to visit the beautiful historical sites that you can find everywhere in the country. Finally, I would like to add my best wishes for a successful and fruitful conference and many thanks to our partners the organizers of this Conference.



Sincerely,
Dr. Vanga

Director, URForum, UK

SCIENTIFIC PROGRAM

International Conference

DAY-1 (OCTOBER 26, 2026)

09:30-10:00

Registrations & Opening Remarks

Keynote/Plenary Session (10:00-11:00)

10:00-10:30

Title: T-CPDL: A Temporal Causal Probabilistic Description Logic for Developing Logic-RAG Agent Systems

Prof. Hongqing (Harry) Yu, University of Derby, United Kingdom



10:30-11:00



Title: Risk of Microvascular Complications in Newly Diagnosed Type-2 Diabetes Patients in Dubai, UAE, Using Automated Machine Learning Prediction Models

Prof. Amar Hassan Khamis, Mohammed Bin Rashid University , United-Arab-Emirates

11:00-11:20 Networking Break + Group Photo

Technical Session-I (11:20-13:00)

11:20-11:45

Title: AI for Atmospheric Rivers Study

Prof. Yang Zhao, Ocean University of China, China



SCIENTIFIC PROGRAM

International Conference

Day 01
October 26, 2026

11:45-12:10

Title: Computer Vision-Based Concrete Crack Identification Using MobileNetV2 Neural Network and Adaptive Thresholding
Dr. Ahmed Ibrahim, University of Idaho, USA



12:10-12:35

Title: Multiobjective Hyper-heuristics in Action: Trends and Perspectives
Prof. Hugo Terashima-Marin, Tecnologico de Monterrey, Mexico



12:35-13:00

Title: Research on Fault Diagnosis of UAV Rotor Motor Bearings Based on WPT-CEEMD-CNN-LSTM
Prof. Gao Zhilong, Beijing University , China



Lunch @ Restaurant (13:00- 14:00)

Technical Session-II (14:00-17:35)

14:00-14:25

Title: Score Function-Based Selection of Critical Infrastructure of turbine location using Intuitionistic Fuzzy Soft Hypergraphs
Dr.K. K. Myithili, Vellalar College for Women, India



SCIENTIFIC PROGRAM

International Conference

Day 01
October 26, 2026

14:25-14:50

Title: NornirNet: A Deep Learning Framework to Distinguish Benign from Malignant Type II Endoleaks After Endovascular Aortic Aneurysm Repair Using Preoperative Imaging

Dr. Giorgio Prouse, Ente Ospedaliero Cantonale, Lugano, Switzerland



14:50-15:15

Title: Artificial Intelligence in Cervical Cytology
Prof. Piotr Religa, Karolinska Institutet, Sweden



15:15-15:40

Title: Defense against AI control of humans with brain implants
Dr. Philip R Kennedy, Neural Speech Inc., USA



15:40- 16:05

Title: Leveraging Artificial Intelligence(AI)in Multi-Cancer Early Detection (MCED) through CpG Methylation Decoding from Cell-Free DNA Bloodstream Biomarkers

Yasmeen Usman & Usman Ayub, Gujranwala Medical Complex, Pakistan



SCIENTIFIC PROGRAM

International Conference

Day 01
October 26, 2026

Refreshment Break @ foyer (16:05-16:20)

16:20- 16:45

Title: Trustworthy and Resilient Federated Learning from Robust Aggregation to Blockchain-Backed Accountability
Prof. Samir Ouchani, CESI Lineact, France



16:45-17:10

Title: Prediction of cell migration potential on human breast cancer cells treated with Albizia lebbeck ethanolic extract using extreme machine learning
Prof. Huzaifa Umar, Near East University, Turkey



17:10-17:35

Title: Bridging Safety Guarantees and Adaptive Learning: An AI-Driven Robust Control Framework for Autonomous Vehicles
Abdelmalek ZAHAF, University M'Hamed Bougara Bumerdes, Algeria



17:35-18:00

Title: Prediction of cell migration potential on human breast cancer cells treated with Albizia lebbeck ethanolic extract using extreme machine learning
Prof. Huzaifa Umar, Near East University, Turkey



Day 01 Concludes

SCIENTIFIC PROGRAM

International Conference

Day 01
October 26, 2026

Refreshment Break @ foyer (16:05-16:20)

16:20- 16:45

Title: Trustworthy and Resilient Federated Learning from Robust Aggregation to Blockchain-Backed Accountability
Prof. Samir Ouchani, CESI Lineact, France



16:45-17:10

Title: Bridging Safety Guarantees and Adaptive Learning: An AI-Driven Robust Control Framework for Autonomous Vehicles
Abdelmalek ZAHAF, University M'Hamed Bougara Bumerdes, Algeria



17:10-17:35

Title: Trustworthy and Resilient Federated Learning from Robust Aggregation to Blockchain-Backed Accountability
Dr. Jan P. Szatkowski, Indiana University School of Medicine, USA



Day 01 Concludes

SCIENTIFIC PROGRAM

International Conference

DAY-2 (OCTOBER 27, 2026)

Technical Session - I

10:00-10:25

Title: Multimodal Behavioral Intelligence for Personalized Healthcare: Detecting Within-Person Change through Human-Centered AI

Sinan Chen, Kobe University, Japan



10:25-10:50

Title: The Global Lens: Revolutionizing Healthcare Diagnostics through Vision Transformers and Strategic Education

Dr. Nesrine Atitallah, Arab Open University, Saudi Arabia

10:50-11:15

Title: Performance of CAD4TB artificial intelligence technology in TB screening programmes among the adult population in South Africa and Lesotho

Miss. Nonhlanhla Nzimande, University of KwaZulu-Natal, South-Africa



11:15-11:40

Title: Covariance-Controlled Superposition Learning: An Explainable Neural Ensemble Framework for Robust Escherichia coli (E. coli) Prediction

Mfanasibili Nkonyane, University of KwaZulu-Natal, South-Africa

11:40-12:05

Title: Basketball Action Recognition Using Deep Feature Extraction, Multiple Classifiers and Crash-Tolerant Processing Under Constrained Data

Mr. Paul Aliga, Ambrosi Alli University, Nigeria



SCIENTIFIC PROGRAM

International Conference

Day 02
October 27, 2026



12:05-12:30

Title: Comparative Evaluation of RL and ORCA-Enhanced Swarm Navigation in Dynamic Environments

Mr. Samuel Abiodun Oyedotun, Edo State University Iyamho, Edo State, Nigeria

12:30-12:55

Title: Exploring potential circRNA biomarkers for cancers based on double-line heterogeneous graph representation learning

Dr. Naomi Abara, NHS, Nanning, UK



12:55-13:20



Title: Ontology-Guided Relation Extraction from Financial Documents Using Fine-Tuned Large Language Models

Dr. Nader Bakir, Beirut Arab University, Lebanon

13:20-13:45

Title: Clustering Inference

Dr. Pau Figuera, University of Deusto, Spain



13:45-14:10



Title: One Scene Does Not Fit All: Generative AI for Disorder-Specific Visual Habituation in Vestibular Rehabilitation

Şeyma Tuğba Öztürk, Istanbul Medipol University

14:10-14:35

Title: FAIDN: A Congestion-Aware Framework for Assured Intent-Driven Networking

Mr. Utpal Barman, Manager, IT, Charter Communications, Missouri, USA



SCIENTIFIC PROGRAM

International Conference

Day 02
October 27, 2026



14:35-15:00

Title: Review of the grey wolf optimization algorithm: variants and applications
Hesham Ahmed, Sentients AI Sdn Bhd.

15:00-15:25

Title: Interpretable machine learning reveals hydrodynamic effects on copper slag leaching across heterogeneous literature data
Sung-Jin Kim, University of Science and Technology Beijing



15:25-15:50



Title: Fusion of Pre-trained Model Features with Style-Aware Attention for an Enhanced Content-Based Recommendation System and Model Deployment
Dr B Suvarna

Poster

Title: Cybersecurity AI Framework for the Proactive Prevention of Deepfake Generation from Social Media Profile Pictures and Health effects
Dr. Anum Ali, Lahore Leads University, Pakistan



Day-02 Concludes



