International Conference

October 26-27, 2026

Paris, France

AICR 2026

AI • CYBERSECURITY • RESILIENCE

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AI Artificial Intelligence

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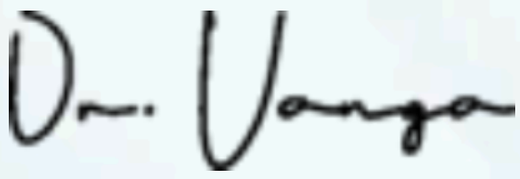
LETTER FROM THE DIRECTOR

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: Trustworthy and Resilient Federated Learning from Robust Aggregation to Blockchain-Backed Accountability

Prof. Samir Ouchani, CESI Lineact, France

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



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Day 01
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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 forWomen, India

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Day 01
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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
Nisa Irshad & Tabeer Ali, Genai-training.com Ai Research Scelor program

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Day 01
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Refreshment Break @ foyer (16:05-16:20)

16:20- 16:45

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

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 Boumerdes, Algeria

Day 01 Concludes

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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

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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: Comparative Effectiveness of Artificial Intelligence Versus Conventional Methods for Detecting Peritoneal Metastasis in Colorectal Cancer: A Systematic Review
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

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Day 02
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Poster-1

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

Poster-2

Title: Edge-Device Vision for Pangasius Fingerling Length Measurement and Injection-Site Estimation
Mr. Phuc-Truong Nguyen, Can Tho University, Vietnam

Day-02 Concludes

