

ORGANIZED BY



4th INTERNATIONAL CONFERENCE ON AI ML, DATA SCIENCE AND ROBOTICS

28-29
NOV 2024



SCIENTIFIC PROGRAM



4th INTERNATIONAL CONFERENCE ON AI ML, DATA SCIENCE AND ROBOTICS

REGISTRATIONS (09:00-09:30)

OPENING REMARKS (09:30-10:00)

KEYNOTE FORUM (10:00 - 11:20)

10:00-10:40 **Agentic Information Retrieval: Revolutionising Search with AI Agents in the Age of LLMs**
Oluwole Fagbohun, Founder, Readrly Limited, UK

10:40 - 11:20 **Adaptive AI Systems in Education: Real-Time Personalised Learning Pathways for Skill Development**
Akinyemi Sadeeq Akintola, Universidade NOVA de Lisboa, Portugal

GROUP PHOTO+REFRESHMENT BREAK (11:20-11:40)

11:40-12:10 **Differentially Private (Random) Decision Tree with k-Anonymity and no Added Noise**
Dr. Lihua Wang, National Institute of Information and Communications Technology, Japan

12:10-12:40 **AI and The Future Of Employment**
Dr. Patrick Dicks, The Dicks Consulting Group South Carolina USA

12:40-13:10 **Jailbreaking LLMs by Suppressing Rejection**
Prof. Wenjie Wang, ShanghaiTech University, China

LUNCH @ RESTAURANT (13:10- 14:00)

TECHNICAL SESSION-I

14:00-14:30 **AI in Green Financing: Catalyst for Change or Overstated Promise?**
Chukwuka Michael Oforgu, Readrly Limited, UK

14:30-15:00 **Detection of unique electromagnetic signatures from GLRaV-3 infected grapevine leaves at different stages of virus development.**
Leeko Lee, Bluebottle Butterfly Inc., Canada

15:00-15:30 **Intelligent Task Prioritisation for Enhanced Project Management: A Multi-Board Approach**
Temitope Kadri, Readrly Limited, UK

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REFRESHMENT BREAK (15:30-16:00)

- 16:00 - 16:30** **Kolmogorov Arnold Network (KAN) Privacy preserving collaborative forecasting**
Chad Watson, SAS Evolutions, Portugal
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- 16:30-17:00** **A Systematic review of Machine Learning Models for Management, Prediction and Classification of ARDS**
Tu K. Tran, University of Oxford, UK
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- 17:00-17:30** **AI-Enhanced Consumer Insights: Leveraging Behavioral Analytics for Hyper-Personalised Marketing Strategies**
Omotoso Oluwayomi Joseph, TalentsCorp Limited, UK
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- 17:30-18:00** **Multi-Agent Systems in Omnichannel Marketing: Coordinating Cross-Platform Campaigns for Seamless Customer Experiences**
Michael Akintayo, Readrly Limited, UK

November 29
Virtual Presentations
Central European
Time

4th INTERNATIONAL CONFERENCE ON
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DAY 2 | CET
09:00 - 16:00

HEYNOTE FORUM

09:00 - 09:30 **AI in Project Management: Enhancing Efficiency, Decision-Making, and Risk Management**
Alain Claude Bah Esseme, Nexus Cloud Technologies, UK

09:30 - 10:00 **Fault-Resilient Iterative Localization Scheme for Internet-of-Underwater Things**
Sangeeta Kumari, Bennett University, India

10:00 - 10:30 **Enhancing Mobile App User Experiences with AI-Driven Personalization**
Maxwell Nwanna, RideNear, UK

10:30 - 11:00 **Ai-Driven Anomaly Detection In Cloud Computing Environments**
Chukwuemeka Nwachukwu, University of Bradford, UK

11:00 - 11:30 **EXPLORING LIGHTWEIGHT MACHINE LEARNING MODELS FOR PERSONAL INTERNET OF THINGS (IOT) DEVICE SECURITY**
Chukwuebuka Akwiwu-Uzoma, University of Dundee, UK

ORAL FORUM

11:30 - 11:50 **Exploring Chronic Illness Management through Multiple Perspectives: Insights from a Large Language Model Analysis of Patient Experiences**
Sara Kivity, Maccabi Healthcare Services, Israel

11:50 - 12:10 **Enhancement of a Multilingual Model for Automatic Speech Recognition Analysis of Time and Frequency Domain Data Augmentation**
Razieh Khamsehashari, Technische Universität Berlin, Germany

12:10 - 12:30 **Cost Optimization and Performance Modelling of Discrete-time Queues with its Real-life Applications**
Shweta Upadhyaya, Amity University, Noida

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DAY 2 | CET
09:00 - 16:00

- 12:30 - 12:50**
Trustworthy ML Assessment methodology
Juliette Mattioli, Thales, Campus Polytechnique, France
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- 12:50 - 13:10**
Designing richer Human-Machine Interactions for Complex Organizations: A Category-Theoretic Approach with Memory Evolutive Systems
Andrée C. Ehresmann, Univ. de Picardie Jules Verne, France
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- 13:10 - 13:30**
Solving Complex Optimisation Problems by Machine Learning
Steven Prestwich, University College Cork, Ireland.
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- 13:30 - 13:50**
Smart Summarisation of Movie Plots: A Multi-Agent System for Generating Engaging and Spoiler-Free Synopses
Tewogbade Shakir Adeyemi, Readrly Limited, UK
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- 13:50 - 14:10**
AI and the Newsroom: Transforming Journalism with Intelligent Systems
Elfredah Kevin-Alerechi, The Colonist Report, UK
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- 14:10 - 14:30**
Dynamic Music Recommendations: Tailoring Playlists to User Moods and Activities with Multi-Agent Systems
Grace Funmilayo Farayola, University of Buckingham, UK
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- 14:30 - 14:50**
Ethically Integrating AI into Journalism: Balancing Innovation, Integrity, and Public Trust
Ogheneruona Maria Esegbona-Isikeh, Readrly Limited, UK
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- 14:50 - 15:10**
Machine Learning in Cybersecurity: A Multi-Industry Case Study Analysis for Enhanced Threat Detection and Response
Victor Oriakhi Nosakhare, Sonae, UK

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15:10 - 15:30

AI in Social Good: LLM-Based Multi-Agent Interventions in Crisis Management and Disaster Response

Oluwatimilehin Odubola, Resilstudio Ltd, UK

15:30 - 15:50

Advancing Environmental Health Evaluations: Leveraging Evidence Informatics for Efficient and Reliable Data Extraction

Vickie R. Walker, National Institutes of Health, USA

15:50 - 16:10

Personalized Health Optimization: An AI-Driven Approach

Sahaj Vaidya, New Jersey Institute of Technology, Newark, New Jersey, USA

END OF DAY-2

UPCOMING CONFERENCES - APRIL, 2025 VIENNA, AUSTRIA

Name of the conference	Contact Details
Ophthalmology & Vision Research	Dr. Vanga director@unitedforum.uk +44 7404141173
Otorhinolaryngology and Head & Neck Care	Arha Tamyra otolaryngology@urforum.org +44 7404141173
Dentistry and Oral Health	Mary Jane maryjane@urforum.org +447958436762
Breast and Cervical Cancer	James Mathew Jamesmathew@unitedforum.uk +44 7867919466
Reproduction, Fertility and Gynecology	Zara Helene zara@unitedforum.uk +44 7867919466

UPCOMING CONFERENCES - JULY, 2025 ROME, ITALY

Name of the conference	Contact Details
Dermatology, Cosmetology and Aesthetic Surgery	Dr. Aadri Livia rajitha@urforum.org 44 7404141173
Ageing and Gerontology	Ryan Joseph ryanjoseph@urforum.org +44-7867919466
Cardiology and Cardiovascular Medicine	James Anderson jamesanderson@urforum.org +44 7404141173
Endocrinology, Metabolism, and Molecular Medicine	Sarah Jones sarahjones.urf@gmail.com +44 7867 919466

UPCOMING CONFERENCES - JULY, 2025 PARIS, FRANCE

Name of the conference	Contact Details
2D Materials and Applications	Dr. Vanga director@unitedforum.uk +44 7404141173
Chemistry and Chemical Engineering	Joseph Harris josephharris@urforum.org +44 7867 919466
Earth and Geological Sciences	Jack Harrison jackharrison@unitedforum.uk +44 7867 919466
Pediatrics and Neonatal Care	Ryan Cooper pediatriccongress@urforum.org +44 7404141173
Nursing & Patient Care	Amelia ameliajones@unitedforum.uk +447867919466

JULY 2024

21-22

PARIS, FRANCE

Chemistry and Chemical
Engineering

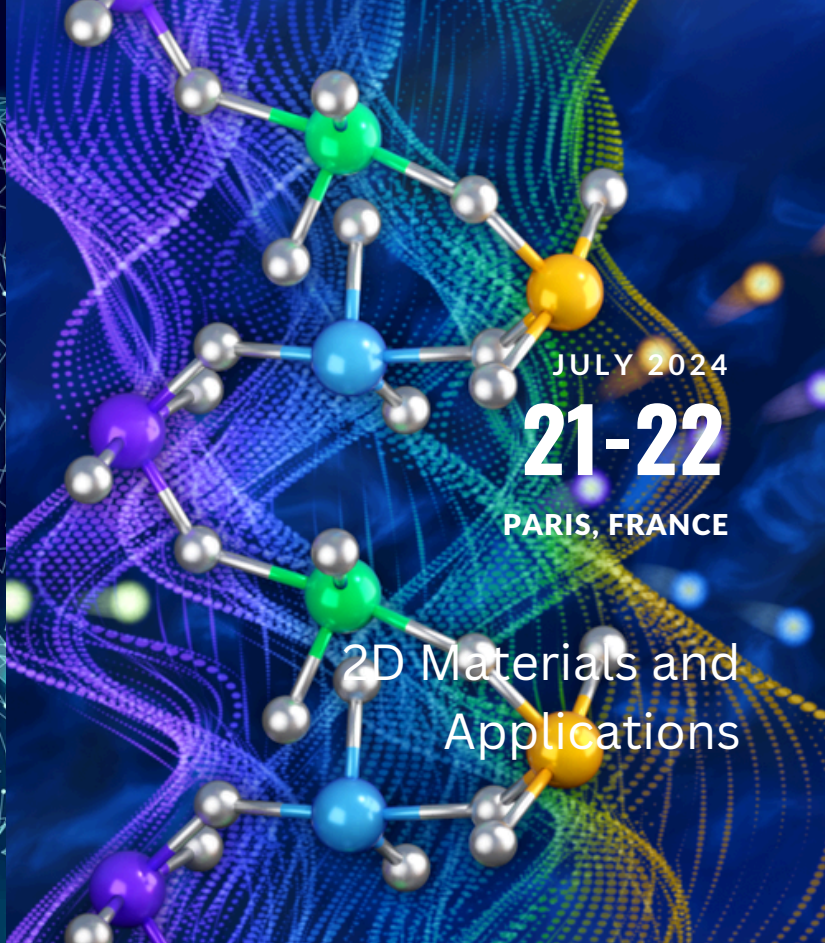


JULY 2024

21-22

PARIS, FRANCE

2D Materials and
Applications



SEP 2024

18-19

SPAIN

AI, ML, Data Science and
Robotics

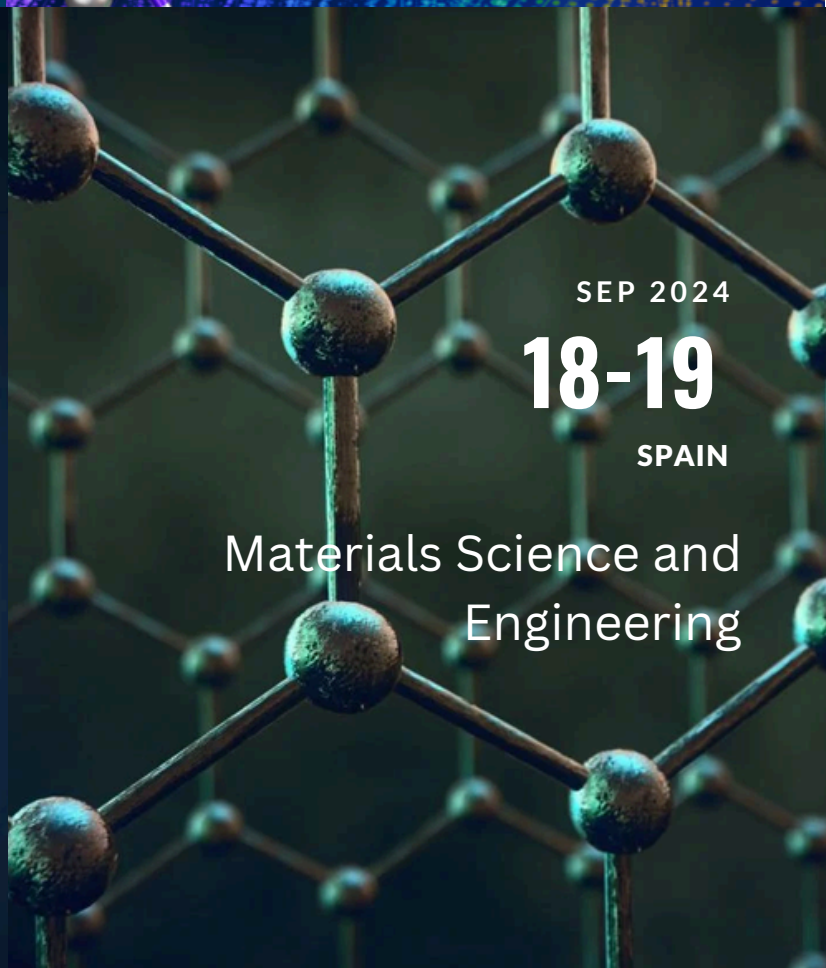


SEP 2024

18-19

SPAIN

Materials Science and
Engineering



For all Conference Enquires regarding Abstract Submission, Registration :

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