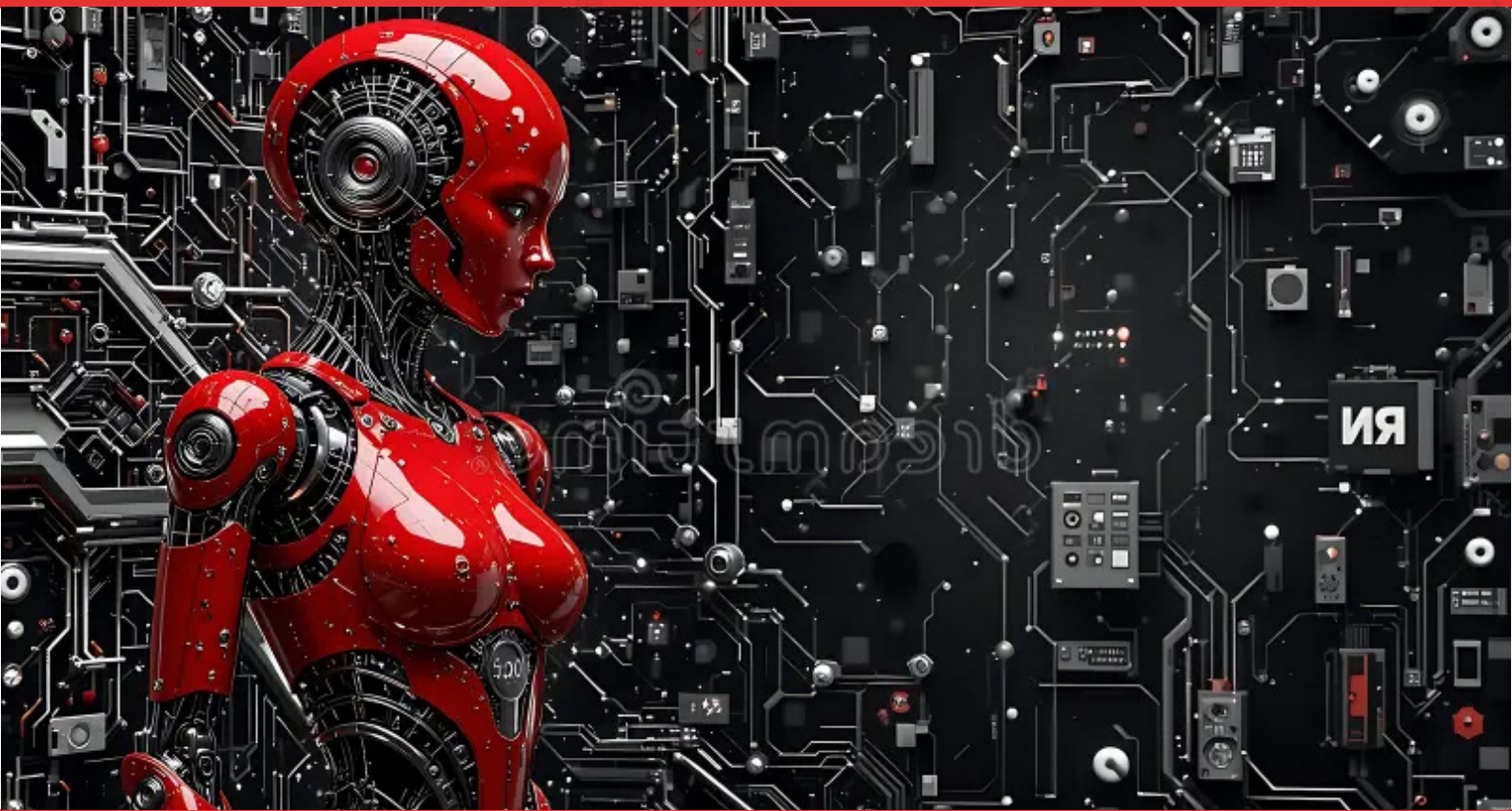




1007 N Orange St. 4th Floor Suite #3199,
Wilmington, Delaware 19801, USA

SCIENTIFIC PROGRAM



2nd International Conference on

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

July 06-07, 2026 | Singapore

Theme: Shaping Tomorrow with AI & ML: Innovation, Ethics, and Impact

<https://artificialintelligence.novelticsconferences.com>

SCIENTIFIC PROGRAM

DAY 1: JULY 06, 2026

Registration Desk Opens | 08:00-08:45

Opening Ceremony & Inaugural Address | 08:45-09:00

KEYNOTE FORUM

Thomas A Teklemariam, Canadian Food Inspection Agency, Canada

10:00-10:30

Title: Spectral Fingerprinting and AI-Based Classification of Adulterants in Ground Turmeric

Nazime Tuncay, Independent researcher, Cyprus

10:30-11:00

Title: Humans with AI: Time to Wake Up Before Machines Decide

11:00- 11:15 COFFEE BREAK

Sessions: Deep Learning & Neural Networks | Natural Language Processing | Computer Vision | Ethics, Fairness, and AI Policy | Reinforcement Learning (RL) | Edge AI and IoT Applications | AI in Healthcare | Data Science and Big Data | Quantum Computing and AI | Human-Computer Interaction (HCI) and AI | AI Applications | AI for Cybersecurity | AI for Education | AI for Sustainability | Robotics Explainable AI (XAI)

Chair: Nazime Tuncay, Independent researcher, Cyprus

Julius Jefferies, Simply Healing LLC, USA

11:15-11:35

Title: Algorithmic Conditioning: AI, Social Media, and the Future of Societal Development

Zainab Tairu, Obafemi Awolowo University, Nigeria

11:35-11:55

Title: MediVoice: Enabling Independent Medication Management with NLP and Vision Language Models for Visually Impaired Patients in Nigeria

Armstrong Foundjem , Canada

11:55-12:15

Title: Adversarial Attack Classification and Robustness Testing for Large Language Models for Code

Parminder Singh, Redscope.ai, USA

12:15-12:35

Title: The "Long-Running" Problem: State Management for Autonomous Agents

Nazime Tuncay, Independent researcher, Cyprus

12:35-12:55

Title: Hope, Fear, Responsibility, and Expectations: Early Adolescents' Perceptions of Artificial Intelligence and Robots

GROUP PHOTO & LUNCH BREAK | 12:55-14:00

Priyansha Choukse, USA

14:00-14:20

Title: The Illusion of Relevance

Cheah Suan Ching, Intel Microelectronics, Malaysia

14:20-14:40

Title: From Natural Language to Data Insights: A Generative AI Assistant for Enterprise Analytics Platforms

14:40-15:00	Dalia ElNakib, Egypt Title: Quantum Computing and AI
15:00-15:20	Natsai Chapwanya, Great Zimbabwe University , Zimbabwe Title: AI for Sustainability in Developing Countries
15:20-15:40	Thiara de Alwis, University of Bristol, UK Title: Collective Reasoning in AI: How Multi-Agent Debate Shapes Ethics
15:40-16:00	Bishal Panthi, USA Title: Modeling the Impact of Explainability on Memory Retention: A Comparative Study of ACT-R and LSTM for Decision Trees and Logistic Regression
16:00 – 16:20 COFFEE BREAK	
16:20-16:40	Mukhtaar Axmed Cumar, Amoud University, Somalia Title: Machine learning-driven analysis of academic performance determinants: Geographic, socio-demographic, and subject-specific influences in Somaliland's 2022-2023 national primary examinations
16:40-17:00	Tegenu Argaw Woldegiyorgis, Ethiopia: Title: Operative estimation of global horizontal irradiance using transfer functions through network types of artificial neural network in some selected sites in North-East Ethiopia: assessment and comparison
Slots Available	
NETWORKING & B2B MEETING	
END OF DAY 1	
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DAY2: JULY 07, 2026	
Opening Ceremony & Inaugural Address 09:00-09:15	
Opening Ceremony & Inaugural Address	
KEYNOTE FORUM	
10:00-10:30	Syaza Lyana, Albukhary International University, Malaysia Title: Personalized Multimodal Learning Framework Using NLP and Voice User Interfaces for Supporting Children with Dyslexia
Sessions: Advanced Materials Synthesis and Characterization Composite Materials Nanomaterials and Nanotechnology Smart and Responsive Materials Nanodevices and Nanosystems Nanotechnology in Electronics and Photonics Nano-Bio Interface and Nanotoxicology Biomaterials and Biotechnology Structural Materials and Engineering	
10:30-11:00	Moudjari Maroua, Higher Normal School of Technological Education of Skikda, Algeria Title: Comparative study of valorization of quarry sand with brick sand and marble
REFRESHMENT BREAK 11:00- 11:15	

11:15-11:45	Slota Available
11:45-12:15	Slota Available
12:15-12:45	Slota Available
LUNCH BREAK 12:45- 13:45	
13:45-14:15	Slota Available
REFRESHMENT BREAK 15:45-16:00	
16:00- 18:00 POSTER SESSION @ MEETING ROOMS	
PANEL DISCUSSION	
Closing Ceremony	