



ICAET2025

International Conference on Applied Science, Engineering and Technology

June 09-11, 2025 | Amsterdam, Netherlands

Day-01 | June 09, 2025

09:00-09:30

On Spot Registrations

Plenary Talks

9:30-10:10

P

Title: The Need to Bridge Science Education Research on Teaching and Learning in Basic Training Offered to Engineering Students: The Case of Physics

Abdeljalil Metioui, University of Quebec in Montreal, Canada

10:10-10:50

P

Title: Artificial Neural Dynamics for Portfolio Allocation Based on Arbitrage Pricing Theory

Xinwei Cao, Jiangnan University, China

10:50-11:05

Refreshment Break

11:05-11:45

P

Title: The AirQoach™ Platform for Smart-Building Monitoring

Ouri Wolfson, Chief Scientific Officer Pirouette Software Inc., USA

11:45-12:25

P

Slot Available

Keynote Talks

12:25-12:55

K

Title: Artificial Intelligence: The Transfer of Knowledge Between the University and the Small Medium Enterprises

Salvatore Amaduzzi, University of Udine, Italy

12:55-13:55

Group Photo

Lunch

13:55-14:25

K

Title: Catalysis for Undergraduates: Using Nanoparticles to Demonstrate Catalytic Processes

Alandra Kahl, Penn State Greater Allegheny, USA

14:25-14:55

K

Title: Achieving General AI, through Concept Learning

Bijan Tadayon, CEO at Z Advanced Computing, Inc. (ZAC), USA

14:55-15:25

K

Title: The Role of Nanotechnology, Artificial Intelligence (AI), and IoT-Driven Technologies in Waste Management and Environmental Pollution

Rabi Elabor, Florida Agricultural and Mechanical University, USA

15:25-15:55

K

Title: Stepping-Stone Intrusion Detection and its Development Trend

Jianhua Yang, Columbus State University (CSU), USA

Invited Talks

15:55-16:20

I

Title: Circular Manufacturing: Concept, Trends and Research Practices

Anis Fatima, Michigan Technological University, USA

16:20-16:35

Refreshment Break

16:35-17:00

I

Title: The Optimum Searching Method for the Bearing Positions of the Shafting System for the Freighter

Iau-Jung He, National Taiwan Ocean University, Taiwan

17:00-17:25	I	Title: Recent Advances in Multimodal Sentiment Analysis
		Tuerhong Gulanbaier , Guangdong University of Science and Technology, China
17:25-17:50	I	Title: A Unified Explanation for the Mechanism of Room-Temperature Superconductivity
		Angyang Yu , Jilin University, China
Closing the Conference for Day 1		

Day-02 June 10, 2025		
Plenary Talks		
9:30-10:10	P	Title: FLOGEN Sustainability Framework
		Florian Kongoli , CEO at FLOGEN Technologies, Canada
10:10-10:50	P	Title: EMC Multisolver Software for Multiscale System Analysis
		Laurent Patier , CEO of EMC4U, France
10:50-11:05	Refreshment Break	
11:05-11:45	P	Title: Climate Change and Agriculture High-Quality Development
		Zhongsheng Guo , Northwest A&F University, China
Keynote Talks		
11:45-12:15	K	Title: On the P vs. NP Computational Complexity Question: Escaping/Side-Stepping the LP Modeling Barriers
		Moustapha Diaby , University of Connecticut, USA
12:15-12:45	K	Title: Preparation of High-Performance Oxide Transistors Based on Atomic Layer Deposition Process
		Dedong Han , Peking University, China
12:45-13:45	Group Photo	
	Lunch	
13:45-14:15	K	Title: Security, Trust, and Privacy in Vehicular Networks
		Zhiquan Liu , Jinan University, China
14:15-14:45	K	Title: The Impact of Strong Solar Flares on Beta Radiation Radioactive Emitters Decay
		Itzhak Orion , Ben-Gurion University of the Negev, Israel
14:45-15:15	K	Title: Bio-Remote Sensing and Integrated Embedded Artificial Intelligence Systems
		Kianoush Rassels , Delft University of Technology, The Netherlands
15:15-15:45	K	Slot Available
Invited Talks		
15:45-16:10	I	Title: Will be updated soon
		Ghaleb Y. Abbasi , University of Jordan, Jordan
16:10-16:25	Refreshment Break	
16:25-16:50	I	Title: Using Technology to Address Hospitality’s Employee Shortage; Practical Findings from Applied Research
		Klaas Koerten , TU Delft, The Netherlands
16:50-17:15	I	Title: Molecular Dynamics Simulations of Ta Metallic Glasses

		Khlich Abderrahim , Sultan Moulay Slimane University, Morocco
17:15-17:40	I	Title: Fatigue Analysis of CFRP under Adverse Environments
		P K Dash , Sandip University, India
Closing the Conference for Day 2		

Day-03 June 11, 2025		
Plenary Talks		
9:30-10:10	P	Title: Reducing the Administrative Workload: A Generative AI Platform for Automated Conversation Summarization in Healthcare and Beyond
		Sjaak Brinkkemper , Utrecht University, Netherlands
10:10-10:50	P	Title: Lotus Fiber for Biological Sensing
		Xianguang Yang , Jinan University, China
10:50-11:05	Refreshment Break	
11:05-11:45	P	Title: Sustainability Biotechnology and Security of Life on Earth
		Hosam Bayoumi Hamuda , Obuda University, Hungary
Keynote Talks		
11:45-12:15	K	Title: Uncertainty Operation and Planning Method of Distribution Cyber-Physical System under Low-Carbon Era
		Hanshen Li , Shanghai Jiao Tong University, China
12:15-12:45	K	Title: Underwater Optical Wireless Communication Model and Experiment
		Ke Xizheng , Chinese Institute of Electronics, China
12:45-13:45	Group Photo	
	Lunch	
13:45-14:15	K	Title: The Challenges of Artificial Intelligence and Ultra High Field MRI for Cerebral Diseases
		Christine Fernandez-Maloigne , University of Poitiers, France
14:15-14:45	K	Title: Will be updated soon
		Ahm Shamsuzzoha , University of Vaasa, Finland
14:45-15:15	K	Title: The Nexus of Climate Change and Food Security: Challenges and Innovations
		Rabiul Islam , University Utara Malaysia, Malaysia
15:15-15:45	K	Slot Available
Invited Talks		
15:45-16:10	I	Title: Advances in High Performance Computing
		Houssain Kettani , Al-Akhawayn University in Ifrane, Morocco
16:10-16:25	Refreshment Break	
16:25-16:50	I	Slot Available
16:50-17:15	I	Title: Will be updated soon
		Ayat-Allah Bouramdane , International University of Rabat, Morocco
17:15-17:40	I	Slot Available
Closing the Conference for Day 3		
***Note: This is a Tentative Program, it is subjected to slight changes till Final Program		