

ICaTAS 2025 Program Summary
AASTMT, Smart Village, Giza, Egypt

Tuesday, October 21st, 2025

REGISTRATION

9:00-10:00	REGISTRATION		
10:00-11:00	OPENING CEREMONY		
11:00-11:30	BREAK		
11:30-12:15	KEYNOTE SPEECH I <i>Automotive Safety for Child Occupants: Perspectives from ASEAN NCAP Vehicle Assessment</i> Assoc. Prof. Ir. Ts. Dr. Nurulakmar Binti Abu Husain <i>Malaysia-Japan International Institute of Technology Dean, Universiti Teknologi Malaysia, Malaysia</i> Chair: Prof. Khaled Shehata Main Hall- Zone C		
12:15-13:00	KEYNOTE SPEECH II <i>Metaheuristic optimization algorithms: Taxonomy, Open problems and Applications</i> Prof. Ali Ali Fahmy <i>College of Artificial Intelligence-Dean, AASTMT, Egypt</i> Chair: Assoc. Prof. Ir. Ts. Dr. Nurulakmar Binti Abu Husain Main Hall- Zone C		
13:00-13:45	INDUSTRIAL SESSION I <i>Space Industry</i> Prof. Sherif Sedki <i>Former Chief Executive Officer, Egyptian Space Agency, Egypt</i> Chair: Prof. Moustafa Hussein Main Hall- Zone C		
13:45-15:45	Session 1 <i>Computer Engineering-A</i> (6 papers)	Session 2- Hybrid <i>Communication Engineering</i> (6 papers)	Session 3 <i>Mechanical Engineering- A</i> (5 papers)
	Room B203	Room B205	Room B207
15:45-16:45	LUNCH		

Wednesday, October, 22nd, 2025

8:30-9:00	REGISTRATION			
9:00-9:30	10:15	INVITED SPEECH I <i>ENGINEERING INNOVATION AND COMMERCIALIZATION FROM MJIT: A SKINCARE SPIN-OFF CASE STUDY</i> Assoc. Prof. Ir. Dr. Pauziah binti Muhamad Department of Mechanical Precision Engineering, Malaysia–Japan International Institute of Technology, Universiti Teknologi Malaysia Chair: Sherin Youssef Main Hall- Zone C		
	11:00			
9:30-10:00	11:30	INVITED SPEECH II <i>Application Development of Transportation Management System for Rural Area with Real-Time GPS Tracking and Emergency Response System</i> Dr. Syarifah Zyurina Nordin Department of Management of Technology, Malaysia-Japan International Institute Of Technology, Universiti Teknologi Malaysia Chair: Prof. Mona Fouad Main Hall- Zone C		
10:00-10:45	INDUSTRIAL SESSION II <i>Engineering of Production-Ready Scalable Data-Driven AI Applications</i> Prof. Hisham Arafat Shehata, Executive Advisor, Chief AI Architect, Dell/MCIT, Egypt Chair: Prof. Prof. Aliaa Youssef Main Hall- Zone C			
10:45-11:15	BREAK			
11:15-13:00	Session 4- Online Computer Engineering-B (5 Papers)	Session 5- Online Mechanical Engineering-B (5 Papers)	Session 6- Online Applied Chemistry -A (5 Papers)	Session 7 - Hybrid Civil Engineering (5 papers)
	Room B203	Room B205	Room B207	Room B209
13:00-15:00	Session 8 Computer Engineering –C (6 Papers)	Session 9 Computer Engineering–D (6 papers)	Session 10 - Hybrid Applied Chemistry -B (4 papers)	Session 11 Applied Mathematics (6 Papers)
	Room B203	Room B205	Room B207	Room B209
15:00-16:00	LUNCH			

Thursday, October 23rd, 2025

8:30-9:00	REGISTRATION		
9:00-9:30	0:15 INVITED SPEECH III <i>Smart Devices and AI-Powered IoT: Transforming Urban Farming, Healthcare, Transportation, and Disaster Resilience</i> Dr. Fitri Yakub Department of Electronic Systems Engineering, Malaysia-Japan International Institute of Technology, Universiti Teknologi Malaysia Chair: Prof. Mohamed Hassan Main Hall- Zone C		
9:30-10:00	1:30 BREAK INVITED SPEECH IV <i>A Facial Recognition-Based Attendance and Reward System for Advancing SDG4 and SDG10 in Orang Asli Communities</i> Dr. Zatul Alwani binti Shaffie Department of Electronic Systems Engineering (ESE), Malaysia-Japan International Institute of Technology, Universiti Teknologi Malaysia Chair: Prof. Moataz Hegazi Main Hall- Zone C		
10:00-10:30	BREAK		
10:30-12:15	Session 12 <i>Computer Engineering-E</i> (5 papers)	Session 13- Hybrid <i>Industrial Engineering</i> (4 papers)	Session 14-Hybrid <i>Mechanical Engineering - C</i> (5 papers)
	Room B203	Room B205	Room B207
12:15-13:00	CLOSING CEREMONY		
13:00-14:00	LUNCH		