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The 12th IEEE International Conference on Intelligent Computing and Information Systems

ICICIS

2025

25 - 26 NOV 2025

Triumph Luxury Hotel
Cairo, Egypt



<https://icicis.cis.asu.edu.eg/>



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OVERVIEW

ICICIS 2025 is a premium International Conference that covers areas related to theory, development, application, and evaluation of advancements in computing technology. This conference acts as an international forum for researchers and practitioners interested in the advances of artificial and computational intelligence as well as intelligent information systems. It is organized by Faculty of Computer and Information Sciences (FCIS), Ain Shams University, Cairo, Egypt.

Applied AI is the use of intelligent systems and techniques to solve real-world problems or achieve certain objectives in sectors such as management, industry, engineering, administration, and education. All accepted papers will be published in the conference proceeding which will be published in IEEE and abstracted/indexed in Scopus, Google Scholar, And many others A&I partners.

Conference Website: <https://icicis.cis.asu.edu.eg/>

Themes of the Conference

- 1- Artificial Intelligence, Robotics, Multimedia and Data Visualization.
- 2- Data Science and Knowledge Discovery.
- 3- Cyber Security, Forensics and Computer Networks
- 4- Internet of Things, Smart Environments and Pervasive Computing.
- 5- Bioinformatics, Health Informatics and Biomedical Systems.
- 6- Software Engineering.
- 7- Applied Artificial Intelligence.

Scheduled Program (General Map)

Tuesday, November 25, 2025				
8:30-9:30	Registration			
9:30-11:00	Opening Ceremony			
11:00-11:30	Coffee Break – Iceland Hall			
11:30-12:15	Keynote Speech I (KS I) – Monaco Hall A Prof. Hassan Abdalla			
12:15-1:00	Keynote Speech II (KS II) - Monaco Hall A Prof. Huan Liu			
1:30-3:00	Computing and Informatics Sector Committee Meeting** - Hall B			
1:30-3:00	Deloitte Speech - Monaco Hall A		WS1- Monaco Hall A Deloitte Workshop Session	
3:00-4:00	Lunch – Pavilion Restaurant			
4:00-5:30	CS 1 – Monaco Hall A Artificial Intelligence, Robotics, Multimedia and Data Visualization I	CS 2- Monaco Hall B Data Science and Knowledge Discovery I	CS 3- Monaco Hall C Applied Artificial Intelligence I	CS 4 – Louvre 1 Cyber Security, Forensics and Computer NW I
5:30-6:00	Coffee Break – Iceland Hall			
6:00-7:30	CS 5– Monaco Hall A AI, Robotics, Multimedia and Data Visualization II	CS 6 - Monaco Hall B Bioinformatics, Health Informatics and Biomedical Systems I	CS 7 - Monaco Hall C Bioinformatics, Health Informatics Biomedical Systems II	CS 8– Louvre 1 Software Engineering

**** This session is closed and limited to committee members only.**

Wednesday, November 26, 2025				
8:30-9:30	Registration			
9:30-10:15	Keynote Speech III (KS III) - Monaco Hall A Prof. Robert H. Sloan			
10:15-11:00	Keynote Speech IV (KS IV) - Monaco Hall A Prof. Shadi Albarqouni			
11:00-12:30	CS 9 – Monaco Hall A AI, Robotics, Multimedia and Data Visualization III	CS 10 - Monaco Hall B IOT, Smart Environments and Pervasive Computing	WS2- Monaco Hall C Ericson Workshop Session	CS 11 - Louvre 1 Bioinformatics, Health Informatics and Biomedical Systems III
12:30-1:00	Coffee Break – Iceland Hall			
1:00-2:30	CS 12 - Monaco Hall A AI, Robotics, Multimedia and Data Visualization IV	CS 13 - Monaco Hall B Applied Artificial Intelligence II	WS3- Monaco Hall C Noon Workshop Session	CS 14 - Louvre 1 Data Science and Knowledge Discovery II
2:30-3:30	Lunch – Pavilion Restaurant			
3:30-5:00	CS 15 - Monaco Hall A - AI, Robotics, Multimedia and Data Visualization V	CS 16- Monaco Hall B Applied Artificial Intelligence III	CS 17 – Monaco Hall C Cyber Security, Forensics and Computer Networks II	CS 18 - Louvre 1 AI, Robotics, Multimedia and Data Visualization VI
5:00-5:30	Coffee Break – Iceland Hall			
5:30-6:00	Closing Session – Monaco Hall A			

KS: Keynote Speech
CS: Conference Session
WS: Workshops Session

Conference Venue:

Triumph Hotel New Cairo
Block 19 in front of Qatamyia Heights 5th Settlement, New Cairo City, 11361 Cairo, Egypt

Conference Website: <http://icicis.cis.asu.edu.eg>

Scheduled Program (Detailed Map)

Tuesday, November 25, 2025				
8:30-9:30	Registration			
9:30-11:00	Opening Ceremony			
11:00-11:30	Coffee Break – Iceland Hall			
11:30-12:15	Speech 1: Quantum Computing and Artificial Intelligence – The Disruptive Wave. Prof. Hassan Abdalla, BSc MSc PhD CEng PFHEA FRSA, Provost of the University of East London (UEL), UK Teaching Excellence Framework (TEF) Panel, UK.			
12:15-1:00	Speech 2: Social Media Mining, GAI, and Next Frontiers. Prof. Huan Liu, Regents Professor and Ira A. Fulton Professor of Computer Science and Engineering, Arizona State University (ASU), USA.			
1:30-3:00	Deloitte Speech - Monaco Hall A		WS1- Monaco Hall A Deloitte Workshop Session	
3:00-4:00	Lunch – Pavilion Restaurant			
4:00-5:30	CS 1 – Monaco Hall A Artificial Intelligence, Robotics, Multimedia and Data Visualization I	CS 2- Monaco Hall B Data Science and Knowledge Discovery I	CS 3- Monaco Hall C Applied Artificial Intelligence I	CS 4 – Louvre 1 Cyber Security, Forensics and Computer NW I
5:30-6:00	Coffee Break – Iceland Hall			
6:00-7:30	CS 5– Monaco Hall A AI, Robotics, Multimedia and Data Visualization II	CS 6 - Monaco Hall B Bioinformatics, Health Informatics and Biomedical Systems I	CS 7 - Monaco Hall C Bioinformatics, Health Informatics Biomedical Systems II	CS 8– Louvre 1 Software Engineering

ICICIS 2025 Conference Sessions

Tuesday, November 21, 2023 - Monaco Hall A

CS 1-Artificial Intelligence, Robotics, Multimedia and Data Visualization I		
4:00-5:30	ICICIS2025-14	From Text to Knowledge: A Hybrid Framework for Enhanced Semantic Analysis Using Language Models and Heuristics Ahmed H. Abase (Computer Science Department, Cairo University); Hesham A. Hassan (Computer Science Department, Cairo University); Fatma A. Omara, (Computer Science Department, Cairo University)
	ICICIS2025-17	Deep Super-Resolution and Age Prediction for Brain MRI Using SRCNN: A Lightweight Framework for High-Fidelity Reconstruction and Regression Mariam Abdelbaki (Egypt Japan University); Hanin Eltabakh (Egypt Japan University); Rofida Esmail (Egypt Japan University); Omnia Salman (Egypt Japan University); Sameh Sherif (Egypt Japan University)
	ICICIS2025-20	ARIMA Forecasting with LLM-Powered Multi-Agent Coordination for Omnichannel Retail KPIs Darian Reyes (Lero—Science Foundation Ireland Research Centre for Software, University of Galway, Galway, Ireland); Pierangelo Rosati (Lero—Science Foundation Ireland Research Centre for Software, University of Galway, Galway, Ireland)
	ICICIS2025-23	A Novel Hybrid Deep Learning Network for Multi-Modal Emotion Recognition Mariam A. Elmohsen (Electrical Engineering Department, Faculty of Engineering at Shoubra, Benha University); Aya Osama Abdelaziz (Electrical Engineering Department, Faculty of Engineering at Shoubra, Benha University); May Salama (Electrical Engineering Department, Faculty of Engineering at Shoubra, Benha University); Sahar A. El Rahman (Electrical Engineering Department, Faculty of Engineering at Shoubra, Benha University)
	ICICIS2025-27	Multi-Modal Spoken-Arabic Dataset Collection for Emotion Recognition Mariam Aslan (Faculty of Media Engineering and Technology, German University in Cairo); Basmala Hesham (Faculty of Media Engineering and Technology, German University in Cairo); Mohammed A.-M. Salem (Faculty of Media Engineering and Technology, German University in Cairo); Nada Sharaf (Faculty of Media Engineering and Technology, German University in Cairo);
	ICICIS2025-37	Towards Accurate Water Quality Prediction Using Attention-Guided Deep Imputation Models Marwah A. Helaly (Computer Science, Faculty of Computer and Information Sciences, Ain Shams University); Sherine Rady (Information Systems, Faculty of Computer and Information Sciences, Ain Shams University); Mohamed Mabrouk (Computer

		Science, Faculty of Computer and Information Sciences, Ain Shams University); Mostafa M. Aref (Computer Science, Faculty of Computer and Information Sciences, Ain Shams University); Ahmed T. El Awady (Department of Environmental Engineering Sciences, Institute of Environmental Studies and Research, Ain Shams University)
5:30-6:00	Coffee Break – Iceland Hall	

Tuesday, November 25, 2025 - Monaco Hall B

CS 2 – Data Science and Knowledge Discovery I		
4:00-5:30	ICICIS2025-97	Hybrid Embedding-Based Approaches for Fake Profile Detection Carol Hanney Ishak (Department of Computer Science and Engineering, German University in Cairo); Aya Salama Abdelhady (Department of Computer Science and Engineering, German University in Cairo)
	ICICIS2025-98	The Evolution of Pattern Mining: From Frequent to High-Utility to High-Efficiency Patterns Mohamed Ashraf (Information Systems Department, Faculty of Computer and Information Science, Ain Shams University); Eman Maghawry Information Systems Department, Faculty of Computer and Information Science, Ain Shams University); Tamer Abdelkader Information Systems Department, Faculty of Computer and Information Science, Ain Shams University); Rasha M. Ismail Information Systems Department, Faculty of Computer and Information Science, Ain Shams University);
	ICICIS2025-104	Enhancing Multiclass Arabic Fake News Detection via Semantic Balancing and Transformer Models Esraa Karam (Ashraf (Information Systems Department, Faculty of Computer and Information Science, Ain Shams University); Wedad Hussein (Information Systems Department, Faculty of Computer and Information Science, Ain Shams University); Sherine Rady (Information Systems Department, Faculty of Computer and Information Science, Ain Shams University); Tarek F. Gharib Information Systems Department, Faculty of Computer and Information Science, Ain Shams University);
	ICICIS2025-115	The Effect of Embedding Techniques in Enhancing Abstractive Arabic Summarization Karim Morsi (Information Systems Department, Faculty of Computer and Information Science, Ain Shams University); Fatma Najib (Information Systems Department, Faculty of Computer and Information Science, Ain Shams University); Wedad Hussein (Information Systems Department, Faculty of Computer and Information Science, Ain Shams University); Rasha Ismail (Information Systems Department, Faculty of Computer and Information Science, Ain Shams University);

	ICICIS2025-138	Similarity-Based Trajectory Prediction in Location-Based Social Network Eman M. Bahgat Information Systems Department, Faculty of Computer and Information Science, Ain Shams University); Alshaimaa Abo-alian Information Systems Department, Faculty of Computer and Information Science, Ain Shams University); Sherine Rady Information Systems Department, Faculty of Computer and Information Science, Ain Shams University); Tarek F. Gharib Information Systems Department, Faculty of Computer and Information Science, Ain Shams University)
5:30-6:00	Coffee Break – Iceland Hall	

Tuesday, November 25, 2025 - Monaco Hall C

CS 3 - Applied Artificial Intelligence I		
4:00-5:30	ICICIS2025-40	DataForge: An AI-Driven Data Warehouse Schema Generator Abdelrahman Abdelrahman (FCIS, Ain Shams University); Abdelrahman Elbahrawy (FCIS, Ain Shams University); Ahmed Sobieh (FCIS, Ain Shams University); Alaa ElSaid (Ain Shams University); Arwa Elsharawy (FCIS, Ain Shams University); Ahmed Ali (FCIS, Ain Shams University); Yasmine Shaaban (FCIS, Ain Shams University); Yasmine Afify (FCIS, Ain Shams University).
	ICICIS2025-42	Smart Web Application Firewall (SWAF) Alshaimaa Abo-alian (FCIS, Ain Shams University); Hossam Ibrahim (FCIS, Ain Shams University); Nawaf Senan (FCIS, Ain Shams University).
	ICICIS2025-59	Decentralized Path Planning for Multi-Robot Systems Using GNNs on HBE-Robocar Mohamed Mohamed (FCIS, Ain Shams University); Randa M. Abdelmoneem (FCIS, Ain Shams University).
	ICICIS2025-69	Aquaguard: A Modular AI System for Detecting Drowning, Rip Currents, and Sharks Using Drone Surveillance Hanine Al Sayed (FCIS, Ain Shams University); Rahma Shabaan (FCIS, Ain Shams University); Esraa Ahmed (Ain Shams University); Mohamed Emad (FCIS, Ain Shams University); Mostafa Saad (FCIS, Ain Shams University); Mohamed Essam (FCIS, Ain Shams University); Ahmed Salah EL Din (FCIS, Ain Shams University).
	ICICIS2025-73	Sleep Apnea Detection using Electrocardiography (ECG) Signals Manal Tantawi (FCIS, Ain Shams University); Radwa Hossieny (FCIS, Ain Shams University); Afraim Shokralla (FCIS, Ain Shams University); Rima Fattah Attallah (FCIS, Ain Shams University); Fatma Abdelfattah (FCIS, Ain Shams University); Hager Ossman (FCIS, Ain Shams University); Abdulrhman Abu-AlHagag (FCIS, Ain Shams University); Malak Roshdy (FCIS, Ain Shams University).
	ICICIS2025-79	Mufakkir: RAG-based Arabic Educational Chatbot for University Students Dina Khattab (FCIS, Ain Shams University); Mohamed Khaled Tawfik (FCIS, Ain Shams University); Farah Safwat Ezz Elregal (FCIS, Ain Shams University); Sohier Khaled Mohamed (Faculty of Computer and Information Sciences, Ain Shams University); Mohamed Osama Ali (FCIS, Ain Shams University); Paula Emad Edward (FCIS, Ain Shams University); Maryam Elsawaf (FCIS, Ain Shams University).
5:30-6:00	Coffee Break – Iceland Hall	

Tuesday, November 25, 2025 – Louvre 1

CS 4 - Cyber Security, Forensics and Computer NW I		
4:00-5:30	ICICIS2025-18	A New Framework for Enhancing Anti-Drone Detection Performance Ghada Dahy (Department of Information Technology, Faculty of Computers and Artificial Intelligence Cairo University); Hossam A. Abdelwahab (Department of Information Technology, Faculty of Computers and Information Technology Suez University); Hesham N. Elmahdy (Department of Information Technology, Faculty of Computers and Artificial Intelligence Cairo University); Rania A. Salama (Department of Information Technology, Faculty of Computers and Information Technology Suez University).
	ICICIS2025-19	Improving the Localization Accuracy in Internet of Drones Networks Eslam A. Abdelfattah (Department of Information Technology, Faculty of Computers and Information, Suez University); Hesham N. Elmahdy (Department of Information Technology, Faculty of Computers and Artificial Intelligence, Cairo University); Ghada Dahy (Department of Information Technology, Faculty of Computers and Artificial Intelligence, Cairo University); Fayza A. Nada (Department of Information Technology, Faculty of Computers and Information, Suez University),
	ICICIS2025-22	Enhancing Behavioral Insider Threat Detection with AI Ragab S. Bakhit (Information Systems Dept, FCIS, Ain Shams University); Alshaimaa Abo-alian (Information Systems Dept, FCIS, Ain Shams University); Nagwa L. Badr (Information Systems Dept, FCIS s, Ain Shams University).
	ICICIS2025-36	An Improved Load-Balancing Technique for Cloud Computing Environment Dina Tarek Mohamed (Faculty of Computing and Artificial Intelligence, Cairo University); Islam Mahmoud Mohie (Faculty of Computing and Artificial Intelligence, Cairo University); Khaled M. Badran (Department of Computer Engineering, Military Technical College).
	ICICIS2025-56	Security Vulnerabilities in Unmanned Aerial Vehicle Systems: A Case Study of ArduPilot Abdullah Al-Boghdady (Faculty of Computing and Artificial Intelligence, Cairo University); Mohammad El-Ramly (Faculty of Computing and Artificial Intelligence Cairo University and University of London Branch in the European Universities in Egypt); Basheer Youssef (Faculty of Computing and Artificial Intelligence, Cairo University); Khaled Wassif (Faculty of Computing and Artificial Intelligence, Cairo University).
5:30-6:00	Coffee Break – Iceland Hall	

CS 5-Artificial Intelligence, Robotics, Multimedia and Data Visualization II		
6:00-7:30	ICICIS2025-38	ChargeTime Predictor: A Data-Driven Approach for Estimating Smartphone Charging Session Duration Yusuf Awad (Faculty of Computer and Information Sciences, Ain Shams University); Islam Hegazy (Faculty of Computer and Information Sciences, Ain Shams University); El-Sayed M. El-Horbaty (Faculty of Computer and Information Sciences, Ain Shams University).
	ICICIS2025-46	Depression Detection in Speech Using Generative Models Lojaine Amr Elghandour (Faculty of Media Engineering and Technology, German University in Cairo); Adel Eltoweiry (Faculty of Media Engineering and Technology, German University in Cairo); Mohammed A.-M. Salem (Faculty of Media Engineering and Technology, German University in Cairo); Nada Sharaf (Faculty of Media Engineering and Technology, German University in Cairo).
	ICICIS2025-54	Accuracy Enhancement of Arabic Handwritten Signature Verification: A Case Study of MobileNet-V2 Abduelbaset Goweder (Computer Science Department, Libyan Academy Tripoli, Libya); Eisha Rzaq (Computer Science Department, Libyan Academy Tripoli, Libya); Anas Ismail (Faculty of Business Informatics, Egyptian University of Informatics).
	ICICIS2025-57	Real-Time Cognitive Emotion Mapping for Human-Avatar Interaction in VR Seif Ehab El Sheikh (Media Engineering Technology, German University in Cairo); Hossam Sanad (Media Engineering Technology, German University in Cairo); Nada Hamed Sharaf (Media Engineering Technology, German International University); Mohammed A.-M. Salem (Media Engineering Technology, German University in Cairo).
	ICICIS2025-58	Detection of Large Language Model-Generated Text: A Comprehensive Review Doaa Mostafa (Department of Computer Science, Faculty of Computer and Information Science, Ain Shams University); Sally Ismail (Department of Computer Science, Faculty of Computer and Information Science, Ain Shams University); Mostafa Araf (Department of Computer Science, Faculty of Computer and Information Science, Ain Shams University);
	ICICIS2025-61	Machine Learning Models for Predicting Deformation in RC Slabs Shielded by Auxetic Sandwich Panels Under Impact

		Aya Elhozayen (Civil Engineering, The British University in Egypt); Zahy Y. Elgendy (Mechatronics & Robotics Engineering, The British University in Egypt); Bahy Y. Elgendy (Civil Engineering, The British University in Egypt).
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Tuesday, November 25, 2025 - Monaco Hall B

CS 6 – Bioinformatics, Health Informatics and Biomedical Systems I		
6:00-7:30	ICICIS2I025-13	Deep Neural Network-Based Classification of Glaucoma Severity from Humphrey Visual Field Data Salsabil El-Regaily (Basic Science Department, Faculty of Computer and Information Sciences, Ain Shams University); Tasneem Abdalgadir (Computer Science Department, Faculty of Computer and Information Sciences, Ain Shams University); Thanaa Mohamed (Ophthalmology Department Faculty of Medicine, Ain Shams University); Mohamed Hamza (Ophthalmology Department, Faculty of Medicine, Ain Shams University); El-Sayed El-Horbaty (Computer Science Department, Faculty of Computer and Information Sciences, Ain Shams University).
	ICICIS2025-34	Leveraging Deep Learning for Early Detection and Prevention of Cardiovascular and Stroke: A Comprehensive Review Abdelrahman Alaa Sadik (Computer Science Department, Faculty of Computer and Information Sciences, Ain Shams University); Mohamed Mabrouk Morsey (Computer Science Department, Faculty of Computer and Information Sciences, Ain Shams University); Taymoor Nazmy (Computer Science Department, Faculty of Computer and Information Sciences, Ain Shams University); El-Sayed M. El-Horbaty (Computer Science Department, Faculty of Computer and Information Sciences, Ain Shams University).
	ICICIS2025-43	Detecting Autism in Children through Facial Image Analysis Using Transfer Learning Mohammed Alaa (FCIS, Ain Shams University); Mennatullah Hassanin (FCIS, Ain Shams University); Osama Usry (FCIS, Ain Shams University); Manar Ashraf (FCIS, Ain Shams University); Ahmed Abdelhamed (FCIS, Ain Shams University); Ibrahim Ahmed (FCIS, Ain Shams University); Eslam Ayman (FCIS, Ain Shams University); Mirna Al-Shetairy (FCIS, Ain Shams University); Tamer Abdelkader (Faculty of computer Science and engineering, Galala University).
	ICICIS2025-45	DaViT-Tiny: Breast Cancer Classification Using Dual Attention Vision Transformers with Composite Optimization Ghada Hamed (Faculty of Computers and Information Sciences, Ain Shams University); Ahmed El-Motaz Ahmed

		(Faculty of Computers and Information Sciences, Ain Shams University); Safaa El-Sayed Amin(Faculty of Computers and Information Sciences, Ain Shams University); Mohammed Abd El-Rahman Marey (Faculty of Computers and Information Sciences, Ain Shams University).
	ICICIS2025-48	Enhancing Depression Detection Accuracy via Decision Tree and Salp Swarm-Based Feature Optimization Alwan Atta (Scientific Computing Department, Faculty of Computer and Information Sciences, Ain Shams University); Dina El Sayad (Scientific Computing Department, Faculty of Computer and Information Sciences, Ain Shams University); Doaa Ezzat (Scientific Computing Department, Faculty of Computer and Information Sciences, Ain Shams University); Safaa Amin (Scientific Computing Department, Faculty of Computer and Information Sciences, Ain Shams University); Mahmoud El Gamal (Scientific Computing Department, Faculty of Computer and Information Sciences, Ain Shams University)
	ICICIS2025-70	Integration of Multi-omics data in Cancer Research: Challenges, Computational Approaches and Applications Amany Mostafa (Information Systems Department, Faculty of Computer and Information Sciences, Ain Shams University); Mahmoud Mounir (Information Systems Department, Faculty of Computer and Information Sciences, Ain Shams University); Walaa Gad (Information Systems Department, Faculty of Computer and Information Sciences, Ain Shams University)
	ICICIS2025-102	An Efficient Deep Learning Framework for Retinal Diseases Diagnosis and Treatment Guidance based on Explainable AI Yasmine Mohammed (Information Systems Department, Faculty of Computer and Information Sciences, Ain Shams University); Eman Amin (Information Systems Department, Faculty of Computer and Information Sciences, Ain Shams University); Rasha Ismail (Information Systems Department, Faculty of Computer and Information Sciences, Ain Shams University).

Tuesday, November 25, 2025 - Monaco Hall C

CS 7 – Bioinformatics, Health Informatics and Biomedical Systems II		
	ICICIS2025-49	Leveraging Sentiment Analysis and Particle Swarm Optimization for Accurate Mental Disorders' Detection Alwan Atta (Scientific Computing Department, Faculty of Computer and Information Sciences, Ain Shams University); Dina El Sayad (Scientific Computing Department, Faculty of Computer and Information Sciences, Ain Shams University);

6:00-7:30		Doaa Ezzat (Scientific Computing Department, Faculty of Computer and Information Sciences, Ain Shams University); Safaa Amin (Scientific Computing Department, Faculty of Computer and Information Sciences, Ain Shams University); Mahmoud El Gamal (Scientific Computing Department, Faculty of Computer and Information Sciences, Ain Shams University)
	ICICIS2025-107	Evaluating Multimodal Large Language Models for Clinical Diagnosis of Oral Lesions: A Biomedical Informatics Perspective Fatma E.A. Hassanein (Oral Medicine, Periodontology, and Oral Diagnosis, Faculty of Dentistry, King Salman International University); Jylan El-Guindy (Prosthodontics Dentistry, Faculty of Dentistry, King Salman International University); Yousra Ahmed (Prosthodontics Dentistry, Faculty of Dentistry, King Salman International University).
	ICICIS2025-110	Towards Explainable Multi-Modal Fusion Strategies for ASD Detection: A Review Nada S. El-Askary (Faculty of Computer and Information Sciences, Computer Science Department, Ain Shams University); Mohamed Gawish (Faculty of Computer and Information Sciences, Computer Science Department, Ain Shams University); (Faculty of Computer and Information Sciences, Computer Science Department, Ain Shams University); Mohamed Mabrouk Morsey (Faculty of Computer and Information Sciences, Computer Science Department, Ain Shams University); Abeer M. Mahmoud (Faculty of Computer and Information Sciences, Computer Science Department, Ain Shams University); Mostafa Aref (Faculty of Computer and Information Sciences, Computer Science Department, Ain Shams University); Taha Ibrahim El-Arif (Faculty of Computer and Information Sciences, Computer Science Department, Ain Shams University).
	ICICIS2025-111	Edge Powered System for Latency-Sensitive Remote Health Informatics Ragaa Shehab (Faculty of Computer Studies, Arab Open University).
	ICICIS2025-120	Integrating Environmental Toxins into Biomedical Knowledge Graphs for Disease Prediction Using Graph Neural Networks Rofida Gamal Agmy (Information Systems Department, Assiut University); Tayseer Hassan A. Soliman (Information Systems Department, Assiut University); Aliaa Gamal Agmy, (MBBCh Independent General Practitioner Formerly, Faculty of Medicine, Assiut University); Heba Atia Yassa (Department of Forensic Medicine and Clinical Toxicology Assiut University); Marwa Hussein Abdelreheim (Information Systems Department, Assiut University).
	ICICIS2025-122	AI-Driven Approaches for Geriatric Neurodegenerative Diseases Prediction and Detection: A Comprehensive Study

		Maram Hatem (Bioinformatics Department, Faculty of Computer and Information Science Ain Shams University); Shaimaa Haridy (Information System Department, Faculty of Computer and Information Science Ain Shams University); Naglaa Fathy (Information System Department, Faculty of Computer and Information Science Ain Shams University); Walaa Gad (Information System Department, Faculty of Computer and Information Science Ain Shams University)
	ICICIS2025-123	Spiking Neural Network for Visual Attention in Brain Tumor Segmentation Mostafa Ahmed (German University in Cairo); Shady Nagy (Institute for Neural Computation, Ruhr University Bochum) Mohammed Salem German University in Cairo).

Tuesday, November 25, 2025 – Louvre 1

CS 8 – Software Engineering		
6:00-7:30	ICICIS2025-55	Lightweight Developer-Friendly Explanations for Software Defect Prediction Nour Elhuda Ashraf (Cairo University); Lamia Abo Zaid (Cairo University); Mohammad El-Ramly (Cairo University) Marvy Badr (BUE)
	ICICIS2025-83	Automated X-Ray Chest Report Generation Ahmed Fahmy (The British University in Egypt); Manar El Meshad (The British (The British University in Egypt)
	ICICIS2025-109	State of the Art in Automated Agile User Story Prioritization - Methods, Challenges, and Research Gaps Mariam Elmasry (Cairo University); DR.Lamia Abo Zaid (Faculty of Computers and Artificial Intelligence, Cairo University); Prof. Hesham Hassan (Fa
	ICICIS2025-112	SPARQ: Sidecar Pooling for Serverless Cold Start Mitigation Noha Waly (Cairo University)

ICICIS 2025 Conference Sessions

Wednesday, November 26, 2025

8:30-9:30	Registration			
9:30-10:15	Speech 3: Cybersecurity and Privacy at the Crossroads of Economics, Public Policy, and Law. Prof. Robert H. Sloan, Professor of Computer Science at the University of Illinois Chicago (UIC), USA.			
10:15-11:00	Speech 4: Leveraging Collective Intelligence for inclusive Global Healthcare Prof. Shadi Albarqouni, Professor for Computational Medical Imaging Research at the University of Bonn, Germany.			
11:00-12:30	CS 9 – Monaco Hall A AI, Robotics, Multimedia and Data Visualization III	CS 10 - Monaco Hall B IOT, Smart Environments and Pervasive Computing	WS2- Monaco Hall C Ericson Workshop Session	CS 11 - Louvre 1 Bioinformatics, Health Informatics and Biomedical Systems III
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2:30-3:30	Lunch – Pavilion Restaurant			
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5:00-5:30	Coffee Break – Iceland Hall			
5:30-6:00	Closing Session – Monaco Hall A			

KS: Keynote Speech CS: Conference Session WS: Workshops Session

Wednesday, November 26, 2025 – Monaco Hall A

CS 9 - Artificial Intelligence, Multimedia and Data Visualization III		
11:00-12:30	ICICIS2025-65	Benchmarking YOLO Variants for Underwater Pollution Detection Mohamed Tawfik (Department of Scientific Computing, Faculty of Computer and Information Sciences, Ain Shams University); Soha Shabaka (National Institute of Oceanography and Fisheries NIOF-Egypt); Wael Badawy (Department of Data Science, School of Artificial Intelligence, Egyptian Russian University).
	ICICIS2025-67	Performance Evaluation of YOLO Models for Sign Language Detection: A Comparative Study Mohamed Tawfik (Department of Scientific Computing, Faculty of Computer and Information Sciences, Ain Shams University); Wael Badawy (Department of Data Science, School of Artificial Intelligence, Egyptian Russian University).
	ICICIS2025-80	Next-Generation MCDM: How AI is Revolutionizing the Decision Support Process Mai Hesham Ahmed (Computer Science Department, Faculty of Computer and Information, Sadat Academy for Management Sciences); Prof. Magdy Aboul-Ela (Computer Science Department, Faculty of Computers and Information, Sadat Academy for Management Sciences); Dr. Randa Elwakil (Computer and Information Systems Department, Sadat Academy for Management Science); Dr. Basem M. Ibrahim (Faculty of Computer Science and Information Technology, Agriculture Research Center).
	ICICIS2025-86	An Enhanced Explainable Machine Learning Approach for Livestock Diseases Classification Using Neutrosophic Set-Based Feature Selection Aya Adel (Faculty of Computers and Artificial Intelligence, Cairo University); Eman Ahmed (Faculty of Computers and Artificial Intelligence, Cairo University); Nour Eldeen Khalifa (Faculty of Computers and Artificial Intelligence, Cairo University).
	ICICIS2025-87	Toward Energy-Aware AI: Optimization Strategies and Practitioner Guidelines Razan Bayoumi (Computer Science Department, Faculty of Computer and Information Sciences, Ain Shams University); Hanan Hindy (Computer Science Department, Faculty of Computer and Information Sciences, Ain Shams University); Taymoor Nazmy (Computer Science Department, Faculty of Computer and Information Sciences, Ain Shams University); Abdel-Badeeh M. Salem (Computer Science Department, Faculty of Computer and Information Sciences, Ain Shams University);
	ICICIS2025-99	Reviving Fine Details in Historical Photographs Using A-ESRGAN: An AI Framework for Digital Heritage Yvonne C.Jegade (Faculty of Computing, Georgia Southern University, Statesboro, USA); Temitope D. Jegede (Faculty of

		Computing, Georgia Southern University, Statesboro, USA);Atef Mohamed (Shalan), Faculty of Computing, Georgia Southern University, Statesboro, USA).
	ICICIS2025-103	Diagnosis of Diseases in Color Fundus Images Using Deep Learning Algorithms with Explainable Visualization Mohamed AOUF (Higher Technological Institute); Mohamed Shaban Eid (Higher Technological Institute); Naglaa Samara (Higher Technological Institute); Ghada Gameel (Higher Technological Institute);
12:30-1:00	Coffee Break -Iceland Hall	

Wednesday, November 26, 2025 – Monaco Hall B

CS 10: Internet of Things, Smart Environments and Pervasive Computing I		
11:00-12:30	ICICIS2025-10	Network Monitoring for Wireless Sensor Network Using Vertex-Cover Models Yomna A. Abdou (Information Technology Dept., Assiut International Technological University); Mohamed Abdelraheem (Electrical Engineering and Computing Science Dept., Rochester Institute of Technology, Dubai, UAE); Amr Abdelhafez (Department of Computing, Southeast Technological University, Carlow,Ireland).
	ICICIS2025-25	Scheduling Model for IoT in Hybrid Fog-Cloud Computing Mahmoud S. Hamid (Department of Electronic Engineering, Military Technical Collage, Egyptian Armed Forces); Moahmed Ghetas (Faculty of Computer Science and Engineering, Galala University).
	ICICIS2025-124	Enhancing Short-Term Electricity Consumption Forecasting with Deep Learning Models Mahmoud Ahmed Mohamed (Systems and Computers Engineering, Department, Al-Azhar University); Nagdy Mahmoud Nagdy (Systems and Computers Engineering Department, Al-Azhar University); Karim Emara (Faculty of Computer and Information Sciences, Ain Shams University).
	ICICIS2025-134	Batched and Hybrid Homomorphic Encryption Performance for Real-time Privacy-Preserving Machine Learning Walaa Saad Mahmoud (Faculty of Media Engineering and Technology, German University in Cairo); Mohammed Abdel-Megeed Salem (Faculty of Media Engineering and Technology, German University in Cairo); Abdel-Rahman Hedar (Department of Computer Science, Faculty of Computers and Information Assuit University).
11:00-12:30	ICICIS2025-149	Developing Graph-Based Models for Mobile Network Management in IoT Amr Adel Kamal AbdelWahab (Information Technology Dept., Assiut International Technological University); Mohamed Abdelraheem (Electrical Engineering and Computing Science Dept., Rochester Institute of Technology, Dubai, UAE); Mamdouh Farouk (Computer Science Dept., Assiut University);

		Abdel-Rahman Hedar (Computer Science Dept., Assiut University).
	ICICIS2025-151	The Evolution of Metaverse for Smart Psychotherapy System Ahmed Z. Abed (Faculty of Computer and Information Sciences, Ain Shames University); Tamer Abdelkader (Faculty of Computer Science and Engineering, Galala University); Mohamed Hashem (Faculty of Computer and Information Sciences, Ain Shames University) .
	ICICIS2025-8	Study of Brain Image Segmentation Techniques: Bridging Classical Methods and Quantum Innovations Salma Mostafa A. Helmy (Software Engineering Department FCIS, Ain Shams University); Salsabil A. El-Regaily Basic Science Department, FCIS, Ain Shams University); Abeer M. Mahmoud (Computer Science Department FCIS, Ain Shams University); El-Sayed M. El-Horbaty (Computer Science Department FCIS, Ain Shams University).
12:30-1:00	Coffee Break – Iceland Hall	

Wednesday, November 26, 2025 – Monaco Hall C

11:00-12:30	WS2: Ericson Workshop Session
12:30-1:00	Coffee Break – Iceland Hall

Wednesday, November 26, 2025 – Louvre 1

CS 11 - Bioinformatics, Health Informatics and Biomedical Systems III		
11:00-12:30	ICICIS2025-125	Machine Learning Approaches for Detecting Lung Cancer: A Review Zeina Rayan (Computer Science Department, Faculty of Computer and Information Sciences, Ain Shams University); Islam Hegazy (Computer Science Department, Faculty of Computer and Information Sciences, Ain Shams University); Mohamed Roushdy (Computer Science Department, Faculty of Computer and Information Sciences, Ain Shams University); Abdel-Badeeh M. Salem (Computer Science Department, Faculty of Computer and Information Sciences, Ain Shams University).
	ICICIS2025-131	Survey on Deep Learning methods in Drug Repurposing Ahmed Abo Elsoud (Faculty of Computer and Information Sciences, Ain Shams University); Mahmoud Mounir Faculty of Computer and Information Sciences, Ain Shams University); Walaa Gad Faculty of Computer and Information Sciences, Ain Shams University); Nagwa Badr Faculty of Computer and Information Sciences, Ain Shams University).
	ICICIS2025-132	Cost-Sensitive Learning for HER2-Positive Breast Cancer Diagnosis Using Clinical Data: A Resource-Conscious Framework for Low-Resource Settings Hoda Waguih (Department of Computer Sciences, Sadat Academy for Management Sciences).

	ICICIS2025-172	Drug-Drug Interaction Prediction using CNN and Drugs Molecular Descriptors Nourhan Mohamd Helmy (Information Systems Department, Faculty of Computer and Information Sciences, Ain Shams University); Huda Amin Maghawry (Information Systems Department, Faculty of Computer and Information Sciences, Ain Shams University); Nagwa Badr (Information Systems Department, Faculty of Computer and Information Sciences, Ain Shams University).
	ICICIS2025-182	Multi-Similarity Molecular Fingerprint Screening Approach based on Morgan Fingerprints for the Discovery of Novel 5α-Reductase Inhibitors Ahmed Bahaa Shalaby (Department of Bioinformatics, Faculty of Computer and Information Sciences, Ain Shams University); Huda Amin Maghawry (Information Systems Department, Faculty of Computer and Information Sciences, Ain Shams University); Nagwa Badr (Information Systems Department, Faculty of Computer and Information Sciences, Ain Shams University).
	ICICIS2025-184	A Comprehensive Review on Machine Learning Approaches for Detecting Knee Osteoporosis Nadeen Tarek Moussa (Information Systems Department, FCIS, Ain Shams University); Eman Amin (Information Systems Department, FCIS, Ain Shams University); Walaa Gad (Information Systems Department, FCIS, Ain Shams University).
12:30-1:00	Coffee Break – Iceland Hall	

Wednesday, November 26, 2025 – Monaco Hall A

CS 12 - Artificial Intelligence, Multimedia and Data Visualization IV		
1:00-2:30	ICICIS2025-114	DistillLLM-Med: A Lightweight Medical Language Model through Knowledge Distillation Mohamed Abo El-Enen (Faculty of Computer and Information Sciences, Ain Shams University); Sally Saad (Faculty of Computer and Information Sciences, Ain Shams University); Taymoor Nazmy (Faculty of Computer and Information Sciences, Ain Shams University).
	ICICIS2025-119	Fake Profile Detection Using Fine-Tuned Embedding Models Mark Mounir (Faculty of Media Engineering and Technology (MET), German University in Cairo); Aya Abd El Hady (Faculty of Media Engineering and Technology (MET), German University in Cairo).
	ICICIS2025-128	A Review on Image Forgery Detection using Deep Learning Techniques Mohamed Abdelmaksoud (Faculty of Computers and Artificial Intelligence, Cairo University); Basheer Youssef (Faculty of Computers and Artificial Intelligence, Cairo University); Khaled Wassif (Faculty of Computers and Artificial Intelligence, Cairo University); Reda A. El-Khoribi (Faculty of Computers and Artificial Intelligence, Cairo University).

	ICICIS2025-129	Classification of Stress Topics in Mental Health Texts Using Deep Learning Eman Hamdi (Computer Science Department, Faculty of Computer and Information Science); Mohamed Mabrouk (Computer Science Department, Faculty of Computer and Information Science); Sherine Rady (Information systems Department, Faculty of Computer and Information Science); Mostafa Aref (Computer Science Department, Faculty of Computer and Information Science).
	ICICIS2025-130	Deep Learning-Based COVID-19 Forecasting in Egypt Using Behavioral and Epidemiological Features Across Multiple Time Horizons Aya Mahmoud Ahmed (Department of Computer Science, Faculty of Computers and Artificial Intelligence, Cairo University); Khaled Tawfik Wassif (Department of Computer Science, Faculty of Computers and Artificial Intelligence, Cairo University); Hanaa Bayomi Mobarz (Department of Computer Science, Faculty of Computers and Artificial Intelligence, Cairo University).
	ICICIS2025-133	SummARai: A Transformer-Based System for Hybrid Summarization of Large-Scale Arabic Documents Rowan Madeeh Mohamed (Department of Computer Sciences, Faculty of Computing and Artificial Intelligence, Cairo University); Abdelrahman Gomaa Fathy (Department of Computer Sciences, Faculty of Computing and Artificial Intelligence, Cairo University); Abdelrahman Mohamed Ezzat Akeel (Department of Computer Sciences, Faculty of Computing and Artificial Intelligence, Cairo University); Fatma El-zahraa Ashraf Serry Akeel (Department of Computer Sciences, Faculty of Computing and Artificial Intelligence, Cairo University); Momen Mostafa Mabrouk elsayed Akeel (Department of Computer Sciences, Faculty of Computing and Artificial Intelligence, Cairo University); Mohammad El-Ramly (Faculty of Computing and Artificial Intelligence, Cairo University, University of London Branch in the European Universities in Egypt).
2:30-3:30	Lunch – Pavilion Restaurant	

Wednesday, November 26, 2025 – Monaco Hall B

CS 13- Applied Artificial Intelligence II		
	ICICIS2025-85	Milo: An AI-based Arabic-Enabled Multi-Modal Advanced Driver Assistant System Nour Ahmed Sadek (Scientific Computing Department, FCIS, Ain Shams University); Nourhan Salah Mohamed (Scientific Computing Department, FCIS, Ain Shams University); Mohamed Essam (Scientific Computing Department, FCIS, Ain Shams University); Nour Sami Mahmoud (Scientific Computing Department, FCIS, Ain Shams University); Habiba Naser Saieed (Scientific Computing Department, FCIS, Ain Shams University); Jana

1:00-2:30		Ashraf Nabout (Scientific Computing Department, FCIS, Ain Shams University); Hazem Youssef (Scientific Computing Department, FCIS, Ain Shams University); Dina Khattab (Scientific Computing Department, FCIS, Ain Shams University).
	ICICIS2025-89	LexaQuery: Automated Query Generation Nour Madkor (Faculty of Computer and Information Sciences, Ain Shams University); Rana El Nezamy (Faculty of Computer and Information Sciences, Ain Shams University); Rawan Abdou (Faculty of Computer and Information Sciences, Ain Shams University); Salma Yasser (Faculty of Computer and Information Sciences, Ain Shams University); Mohamed Essam (Faculty of Computer and Information Sciences, Ain Shams University); Salsabil El-Regaily (Faculty of Computer and Information Sciences, Ain Shams University).
	ICICIS2025-91	A Deep Learning and NLP-Based Platform for Computer Science Development Mustafa Hussein (FCIS, Ain Shams University); Waleed Mohamed (FCIS, Ain Shams University); Abdalla Mohsen (FCIS, Ain Shams University); Mennatullah Ibrahim (FCIS, Ain Shams University); Kerolos Samaan (FCIS, Ain Shams University); Hajer Essam (FCIS, Ain Shams University). Radwa Reda (FCIS, Ain Shams University); Sally Saad (FCIS, Ain Shams University).
	ICICIS2025-100	Adaptive Study Plan Generator Using Machine Learning Techniques Fadi Magdi (Software Engineering Department, FCIS, Ain Shams University); Karim Fouad (Software Engineering Department, FCIS, Ain Shams University); Ahmed Tarek (Software Engineering Department, FCIS, Ain Shams University); Ahmed Sameh (Software Engineering Department, FCIS, Ain Shams University); Aly Yehia (Software Engineering Department, FCIS, Ain Shams University); Mohamed Magdy (Computer Science Department, FCIS, Ain Shams University); Naglaa Fathy (Information Science Department, FCIS, Ain Shams University).
	ICICIS2025-108	Detecting Alzheimer's Disease Through Speech Patterns Salma Rashwan (Computer Science Department, FCIS, Ain Shams University); Zeinab Mahmoud (Computer Science Department, FCIS, Ain Shams University); Salma Mohamed (Computer Science Department, FCIS, Ain Shams University); Smaher Salim (Computer Science Department, FCIS, Ain Shams University); Marwa Ehab (Computer Science Department, FCIS, Ain Shams University); Khira Ebe (Computer Science Department, FCIS, Ain Shams University); Omar S. EL-Assiouti (Computer Science Department, FCIS, Ain Shams University); Hanan Hindy (Computer Science Department, FCIS, Ain Shams University).
1:00-2:30		

	ICICIS2025-146	UniVenture: Fusing AI-Powered Learning and AR Gaming for Next-Gen Campus Engagement Kirolos Berty (Faculty of Engineering, Ain Shams University); Hania Abdelkhalek (Faculty of Engineering, Ain Shams University); Hamza Sayed (Faculty of Engineering, Ain Shams University); Mohammad Ashraf (Faculty of Engineering, Ai Shams University); Maryam Al Berry (Faculty of Engineering, Ai Shams University).
2:30-3:30	Lunch – Pavilion Restaurant	

Wednesday, November 26, 2025 – Monaco Hall C

1:00-2:30	WS3: Noon Workshop Session
2:30-3:30	Lunch – Pavilion Restaurant

Wednesday, November 26, 2025 –Louvre 1

CS 14 - Data Science and Knowledge Discovery II		
1:00-2:30	ICICIS2025-141	Ablation-Guided Litterfall Forecasting with Tree-Based Ensemble Models Nourhan K. ElBahnasy (Faculty of Computer and Information Sciences, Ain Shams University); Fatma M. Najib (Faculty of Computer and Information Sciences, Ain Shams University); Wedad Hussein (Faculty of Computer and Information Sciences, Ain Shams University); Walaa Gad (Faculty of Computer and Information Sciences, Ain Shams University).
	ICICIS2025-142	An Efficient Hybrid Decision Tree-Black Hole Algorithm for High-Utility K-Anonymity Saad A. Abdelhameed (Planning Techniques Center, Institute of National Planning); Alshaimaa Abo-Alian (Information Systems Department, Faculty of Computer and Information Sciences, Ain Shams University); Tamer Abdelkader Information Systems Department, Faculty of Computer and Information Sciences, Ain Shams University); Nagwa L. Badr Information Systems Department, Faculty of Computer and Information Sciences, Ain Shams University).
	ICICIS2025-178	Photovoltaic Fault Detection with Deep Learning: Trends, Challenges, and Gaps Amira Fekry (Information Systems Department, Faculty of Computer and Information Science, Ain Shams University); Yasmine M. Afify (Information Systems Department, Faculty of Computer and Information Science, Ain Shams University); Nivin A. Helal (Information Systems Department, Faculty of Computer and Information Science, Ain Shams University); Walaa Gad (Information Systems Department, Faculty of Computer and Information Science, Ain Shams University).
	ICICIS2025-194	A Survey on Fake Image Detection Methodologies: Trends and Techniques

		Islam Abbas (Department of Digital Arts and Design, Egypt University of Informatics); Nivin A. Hela (Department of Information Systems, Ain Shams University); Walaa Gad (Department of Information Systems, Ain Shams University); Ahmed Hamad (Department of Computer Systems, Ain Shams University).
2:30-3:30	Lunch – Pavilion Restaurant	

Wednesday, November 26, 2025 – Monaco Hall A

CS 15-Artificial Intelligence, Robotics, Multimedia and Data Visualization V		
3:30-5:00	ICICIS2025-135	Adaptive Dynamic RGB Filtering in Immersive Metaverse Environments to Enhance Red-Green Color Differentiation for Color Blindness Children Ibrahim F. Ibrahim (Department of Computer Science, FCIS, Ain Shams University); Mohammed M. Morsey (Department of Computer Science, FCIS, Ain Shams University); Abeer M. Mahmoud (Department of Computer Science, FCIS, Ain Shams University); El-Sayed M. El-Horbaty (Department of Computer Science, FCIS, Ain Shams University).
	ICICIS2025-140	Benchmarking State-of-the-Art Math Word Problem Solvers on Arabic Data Marwa Salah-eldin Salem (Computer Science Department, Faculty of Computer and Information Sciences, Ain Shams University); Mohamed Mabrouk Morsey (Computer Science Department, Faculty of Computer and Information Sciences, Ain Shams University); Salsabil Amin El-Regaily (Computer Science Department, Faculty of Computer and Information Sciences, Ain Shams University); Mostafa Aref (Computer Science Department, Faculty of Computer and Information Sciences, Ain Shams University).
	ICICIS2025-144	A Semantic Ontology for Modeling COVID-19 Data in Egyptian Hospitals: Structure, Scope, and Use Cases Mohamed Ali (Computer Science Department, Faculty of Computer and Information Science, Ain Shams University); Zaki Taha (Computer Science Department, Faculty of Computer and Information Science, Ain Shams University); Mohamed Mabrouk (Computer Science Department, Faculty of Computer and Information Science, Ain Shams University).
	ICICIS2025-145	Bridging Vision and Arabic: A Deep Learning Survey of Arabic Image Captioning Techniques Mohamed Magdi Mohamed (Department of Computer Science, Faculty of Computer and Information Sciences, Ain Shams University); Mohamed Mabrouk Morsey (Department of Computer Science, Faculty of Computer and Information Sciences, Ain Shams University); Mostafa Aref (Department of Computer Science, Faculty of Computer and Information Sciences, Ain Shams University).

	ICICIS2025-148	Stock Price Behavior in Developed and Developing Techniques Markets: A Comparative Analysis Abdulrahman Elwakil (Faculty of Computer and Information Sciences, Ain Shams University); Mirvat Al-Qutt Elwakil (Faculty of Computer and Information Sciences, Ain Shams University); Said Ghoniemy Elwakil (Faculty of Computer and Information Sciences, Ain Shams University).
	ICICIS2025-156	Enhancing Image-based Object Detection for Autonomous Driving Using Deep Learning Technique Yomna Hatem Mohamed (Faculty of Computer and Information Sciences, Ain Shams University); Sherine Rady (Faculty of Computer and Information Sciences, Ain Shams University); Rasha Ismail (Faculty of Computer and Information Sciences, Ain Shams University).
5:00-5:30	Coffee Break – Iceland Hall	
5:30-6:00	Closing Session – Monaco Hall A	

Wednesday, November 26, 2025 – Monaco Hall B

CS 16 - Applied Artificial Intelligence III		
3:30-5:00	ICICIS2025-155	A Unified Framework for AR Indoor Navigation and Conversational Information Retrieval in Smart Campus Environments Ahmed Magdy (Department of Computer Science, FCIS, Ain Shams University); Ahmed Mohamed (Department of Computer Science, FCIS, Ain Shams University); Amr Boghdady (Department of Computer Science, FCIS, Ain Shams University); Basily Achraf (Department of Computer Science, FCIS, Ain Shams University); Hassan Mohamed (Department of Computer Science, FCIS, Ain Shams University); Ziad Abd-El-Hamid (Department of Computer Science, FCIS, Ain Shams University); Samar Ali (Department of Computer Science, FCIS, Ain Shams University); Islam Hegazy (Department of Computer Science, FCIS, Ain Shams University).
	ICICIS2025-158	Wish a Pic: An AI-Powered Platform for Automated Visual Content Generation Omar Ayman Abdallah (Information Systems Department FCIS, Ain Shams University); Moataz Mohamed Abdelmonem (Information Systems Department FCIS, Ain Shams University); Nouran Tarek Abdelazim (Information Systems Department FCIS, Ain Shams University); Mohamed Ayman Mohamed (Information Systems Department FCIS, Ain Shams University); Hager Ahmed Hassan Alfakharany (Information Systems Department FCIS, Ain Shams University); Abdallah Mohamed Shaban (Information Systems Department FCIS, Ain Shams University); Engy Abdallah Mohamed (Information Systems Department FCIS, Ain Shams University); Mona A. Azim (Information Systems Department FCIS, Ain Shams University).

3:30-5:00	ICICIS2025-168	Smart Child Monitoring System with Real-Time Danger Detection using Artificial Intelligence Rowane Ahmed (Scientific Computing Department FCIS, Ain Shams University); Clara Kamel (Scientific Computing Department FCIS, Ain Shams University); Marie Osama (Scientific Computing Department FCIS, Ain Shams University); Mehrati Sameh (Scientific Computing Department FCIS, Ain Shams University); Merna Tarek (Scientific Computing Department FCIS, Ain Shams University); Kareem Ali (Scientific Computing Department FCIS, Ain Shams University); Radwa Reda Hossieny (Scientific Computing Department FCIS, Ain Shams University); Doaa Ezzat (Scientific Computing Department FCIS, Ain Shams University).
	ICICIS2025-169	Artificial Intelligence Powered System for Real-Time Food Quality Analysis Mayar Mostafa (Scientific Computing Department, FCIS, Ain Shams University); Sara Sameh (Scientific Computing Department, FCIS, Ain Shams University); Yomna Omar (Scientific Computing Department, FCIS, Ain Shams University); Nadia Ayman (Scientific Computing Department, FCIS, Ain Shams University); Shams Hany (Scientific Computing Department, FCIS, Ain Shams University); Yasmeen Yasser (Scientific Computing, FCIS, Ain Shams University); Radwa Hossieny ((Scientific Computing, FCIS, Ain Shams University); Safaa Amin (Scientific Computing, FCIS, Ain Shams University).
	ICICIS2025-171	Arabic Books Search Engine using NLP techniques Yousef Nasser Mohamed (Scientific Computing Department, FCIS, Ain Shams University); Mohamed Ahmed Elsayed (Scientific Computing Department, FCIS, Ain Shams University); Mohamed Sayed Zakaria (Scientific Computing Department, FCIS, Ain Shams University); Mahmoud Mohammed Mostafa (Scientific Computing Department, FCIS, Ain Shams University); Kerolos Ashraf Fouad (Scientific Computing Department, FCIS, Ain Shams University); Abd Elrahman Mohamed Ahmed (Scientific Computing Department, FCIS, Ain Shams University); Howida Shdeed (Scientific Computing Department, FCIS, Ain Shams University); Nouran El-Sayed (Scientific Computing Department, FCIS, Ain Shams University).
	ICICIS2025-188	MediHub: Multi-Modal AI for Clinical Decision Support Yomna Gabry (Department of Artificial Intelligence, Ain Shams University); Lojain Shaalan (Department of Artificial Intelligence, Ain Shams University); Walaa Gad (Department of Information Systems, Ain Shams University).
5:00-5:30	Coffee Break – Iceland Hall	
5:30-6:00	Closing Session – Monaco Hall A	

Wednesday, November 26, 2025 – Monaco Hall C

CS 17 - Cyber Security, Forensics and Computer Networks II		
3:30-5:00	ICICIS2025-60	Navigating Blockchain's Promise and Pitfalls: Comprehensive Insights into Architecture, Scalability, and Future Salma Montaser Abdelhafez (Egyptian E-learning University Assuit); Kamal S. Hamza (Egyptian E-learning University); Hesham Ahmed Hassan (Faculty of computing and Artificial Intelligence, Cairo University).
	ICICIS2025-62	Trustworthy AI for Modbus/TCP Intrusion Detection in Industrial Control Systems Mohamed Tawfik (Department of Scientific Computing, Faculty of Computer and Information Sciences, Ain Shams University); Wael Badawy (Department of Data Science, School of Artificial Intelligence, Egyptian Russian University).
	ICICIS2025-66	AI-Based Detection of Zero-Day Exploits: A Framework Wael Badawy (Department of Data Science, School of Artificial Intelligence, Egyptian Russian University).
	ICICIS2025-175	Integrating EDF-PI Scheduling with TDMA-CAN for Reliable Fault-Tolerant Real-Time Embedded Systems Temitope Damilola Elijah (College of Engineering and Computing, Georgia Southern University, Statesboro, Georgia); Nafeeul Alam Walee (College of Engineering and Computing, Georgia Southern University, Statesboro, Georgia); Atef Mohamed (Shalan) (College of Engineering and Computing, Georgia Southern University, Statesboro, Georgia).
	ICICIS2025-193	An Efficient Intrusion Detection for IoT Networks: A SHAP-driven Machine Learning Approach Rana El-Nashar (Computer Engineering Department, Faculty of Engineering, AASTMT); Gouda I. Salama (Computers and AI Department, Military Technical College); Ashraf Tammam (Computer Engineering Department, Faculty of Engineering, AASTMT).
5:00-5:30	Coffee Break – Iceland Hall	
5:30-6:00	Closing Session – Monaco Hall A	

Wednesday, November 26, 2025 – Louvre 1

CS 18 – Artificial Intelligence, Robotics, Multimedia and Data Visualization VI		
3:30-5:00	ICICIS2025-163	Perceiver IO for Weakly Supervised Multimodal Violence Detection in Surveillance Video Noorhan K.Fawzy (Computer Science Department, Faculty of Computer and Information Sciences, Ain Shams University); Sally S.Ismail (Computer Science Department, Faculty of Computer and Information Sciences, Ain Shams University); Moatafa M.Aref (Computer Science Department, Faculty of Computer and Information Sciences, Ain Shams University).

3:30-5:00	ICICIS2025-180	Strategic Information Systems for Data-Driven Business Intelligence Akshay Manoj Bhanushali, University of Washington Seattle, United States (USA).
	ICICIS2025-181	Artificial Intelligence Applications in Battery Management Systems for Electric Vehicles Hany S. E. Mansour (Electrical Engineering Department, Suez Canal University); Leila A. M. Saad (Electrical Engineering Department, Suez Canal University); M. Abdel-Aziz (Faculty of Computer and Information, Sciences, Ain Shams University); Eyad S. Oda (Electrical Engineering Department, Suez Canal University); Salah A. Abdelmaksud (Electrical Engineering Department, Faculty of Engineering, Suez Canal University).
	ICICIS2025-190	Systematic Review of Swin Transformer Architectures for Medical Image Classification Mahmoud Adel Nour (Center for Informatics Science (CIS) School of Information Technology and Computer Science, Nile University); Ahmed F. Elnokrashy (Center for Informatics Science (CIS), School of Information Technology and Computer Science, Nile University-Department of Electrical Engineering, Benha university); Mai S. Mabrouk (Center for Informatics Science (CIS), School of Information Technology and Computer Science, Nile University).
	ICICIS2025-192	Medical Image Segmentation Using Transformer Encoders and Prompt-Based Learning: A Systematic Review of Adaptation Strategies, Performance, and Challenges Mina A. Awad (Center for Informatics Science (CIS) School of Information Technology and Computer Science, Nile University); Mai S. Mabrouk (Center for Informatics Science (CIS), School of Information Technology and Computer Science, Nile University); Ahmed F. Elnokrashy (Center for Informatics Science (CIS), School of Information Technology and Computer Science, Nile University-Department of Electrical Engineering, Benha university).
5:00-5:30	Coffee Break – Iceland Hall	
5:30-6:00	Closing Session – Monaco Hall A	



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