ITC-Egypt'24 Conference Program

Day 1: July 22, 2024

Time	Event	Location
08:00 - 09:00	Refreshments / Registration	
09:00 - 10:00	Attendees move to the hall: Mohamed Fawzi Hall	
10:00 - 10:05	Quran Recitation	Mohamed Fawzi Hall
10:05 – 10:15	**Presentation of the Scientific Conference and Innovation Contest** Vice Director of the Egyptian Military Academy (Air Defense College)	
10:15 – 10:20	**ITC Conference Brief** **Prof. Abdel Razik Sebak** ITC General Chair	
10:20 – 10:25	**ITC Technical Brief** **Prof. Ayman Radwan** ITC Technical Program Chair	
10:25 – 10:55	**Opening Lecture** Brigadier General Dr. Youssef Fayyad	
10:55 – 11:25	**Invited Talk 1** **Prof. Amr Youssef** Concordia University (Canada) **Title:** Advancing Security in Cyber-Physical Systems	
11:25 – 12:25	**Panel Discussion** The Rise of Ambient Intelligence: integrating responsible AI and IoT to reshape cyber interactions	
12:25 – 12:40	Coffee Break	
12:40 – 13:10	Sponsors' Presentations	
13:10 – 14:00	**Women in Engineering** (WIE)	
14:00 – 14:10	Presentation by The Egyptian Academy of Scientific Research & Technology	

14:10 - 15:10	Lunch			
15:15 - 17:15	Technical Sessions	Project Evaluation (Exhibition area)	IEEE Workshop	Saad El-Din Shazly Building

Day 2: July 23, 2024

Time	Event		Location
08:00 - 09:00	Refreshments / Registration		
9:00 – 10:30	Reception of honorable guests Guests take their seats		Mohamed Fawzi Hall
10:30 – 10:35	Quran Recitation		
10:35 – 10:45	Welcome Notes Director of the Egyptian Military Academy		
10:45 – 10:55	Welcome Notes Prof. Yahia M M Antar ITC Honorary Chair		
10:55 – 11:05	Introduction to Egyptian Military Academy		
11:05 – 11:50	**Keynote 1** **Prof. Ali E. Fathy** University of Tennessee (USA) **Title:** Exploring the Frontier of Non-Contact Health Monitoring Using MIMO Radar Technology		
11:50 - 12:05	Coffee Break		
12:05 - 14:05	Technical Sessions	Project Evaluation (Exhibition area)	Saad El-Din Shazly Building
14:05 - 15:00	Lunch + *IEEE Young Professional*		
15:15 - 17:15	Technical Sessions	Project Evaluation (Exhibition area)	Saad El-Din Shazly Building

Day 3: July 24, 2024

Time	Event		Location
08:00 - 09:00	Refreshments / Registration		
09:00 - 09:45	**Keynote 2** **Prof. Sheldon S. Williamson** Ontario Tech University (Canada) **Title:** Driving into Tomorrow: Autonomous E-Mobility Meets Smart EV Charging Using AI and Machine Learning Strategies		**Mohamed Fawzi Hall**
09:45 - 10:15	**Invited Talk 2** **Prof. Vladimir Okhmatovski** University of Manitoba, (Canada) **Title:** Fast Algorithms of Computational Electromagnetics: From Fast Fourier Transform and Fast Multiple Method to Hierarchical Matrices and Tensor Trains		
10:15 – 11:35	**Panel Discussion** Radar Systems and Applications		
11:35 – 12:00	Sponsors' Presentations		
12:00 – 12:15	Coffee Break		
12:15 - 14:15	Technical Sessions	Project Evaluation (Exhibition area)	Saad El-Din Shazly Building
14:15 - 15:15	Lunch		
15:15 - 17:15	**Workshop** **Dr. Atef Elsherbeni** Professor and IEEE-APS Distinguished Lecturer, Colorado School of Mines, USA **Title:** Radar Crossed-Section of simple and Complex Objects: A Computational Approach (Room 3)		**Saad El-Din Shazly Building**
	Technical Sessions	Project Evaluation (Exhibition area)	

Day 4: July 25, 2024

Time	Event	Location
08:00 - 09:00	Refreshments / Registration	
09:30 – 10:15	**Keynote 3** **Prof. Paulo André** University of Lisbon (Portugal) **Title:** Quantum Technology: An Emerging Technology for Intrinsic Secure Communication	**Mohamed Fawzi Hall**
10:15 - 10:45	**Invited Talk 3** **Prof. George Shaker** University of Waterloo (Canada) **Title:** UAV Classification using Radars, AI, and Digital Twins	
10:45 – 10:55	**Summary and concluding remarks of the conference and recommendations for future editions** **Name** Vice Director of the Egyptian Military Academy (Air Defense College)	
10:55 – 11:00	Call for Papers (ITC 2025) **Prof. Abdel Razik Sebak**	
11:00 – 11:45	**Speech** Commander of the Air Defense Forces	
11:45 – 12:00	**Speech** Director of the Egyptian Military Academy	
12:00 – 12:30	**Award Ceremony**	
	National Anthem	