

2024 International Conference on Future Telecommunications and Artificial Intelligence (IC-FTAI 2024)

**Alexandria, Egypt
31 December 2024 - 2 January 2025**



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IC-FTAI'2024

LOCATION: Pearl Hall

DATE: December 31, 2024

TIME: 14:50 - 16:30 CLT (GMT+2)

Oral Session I: **Artificial Intelligence and Computer Architecture**

Chairs: Prof. Dr. Moawad Ibrahim Dessouki
Prof. Dr. Abdelhamid A. Shaalan

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IC-FTAI'2024

LOCATION: Pearl Hall

DATE: December 31, 2024

TIME: 16:30 - 18:00 CLT (GMT+2)

Oral Session II: Electromagnetic Field, Devices, and Circuits

Chairs: Prof. Dr. Saber H. Zainud-Deen
Prof. Dr. Mohamed Fouad

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IC-FTAI'2024

LOCATION: Pearl Hall

DATE: January 1, 2025

TIME: 09:00 - 10:40 CLT (GMT+2)

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Chairs: Prof. Dr. Abdelhamid A. Shaalan
Prof. Dr. Saber H. Zainud-Deen

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LOCATION: Tanzanite Hall

DATE: January 1, 2025

TIME: 11:10 - 12:50 CLT (GMT+2)

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Chairs: Prof. Dr. Mohamed Fouad
Prof. Dr. Mohammed Al Amir Atalla

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LOCATION: Pearl Hall

DATE: January 1, 2025

TIME: 11:10 - 12:50 CLT (GMT+2)

Oral Session V: Computer Systems, Security and Robotics

Chairs: Prof. Dr. Wageeh El Askary
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IC-FTAI'2024

LOCATION: Pearl Hall

DATE: January 1, 2025

TIME: 13:30 - 15:10 CLT (GMT+2)

Oral Session VI: Systems, Applications and Emerging Technologies

Chairs: Prof. Dr. Moawad Ibrahim Dessouki
Prof. Dr. Mohamed E. Nasr

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DATE: January 1, 2025

TIME: 13:30 - 15:10 CLT (GMT+2)

Tutorial I: Design and Implementation of Frequency Estimator Using Filter Bank

Chairs: Prof. Dr. Saber H. Zainud-Deen
Prof. Dr. Fathi A. Farag

- I. **13:30 - 15:10** **Design and Implementation of Frequency Estimator Using Filter Bank...N/A**
Amgad A. Salma and Abdalmaged Radwan
-

IC-FTAI'2024

LOCATION: Pearl Hall

DATE: January 1, 2025

TIME: 16:50 - 18:30 CLT (GMT+2)

Oral Session VII: **Computer Systems, Security and Robotics Bioinformatics & Computational Biology Systems, Applications and Emerging Technologies**

Chairs: Prof. Dr. Mohamed E. Nasr
Prof. Dr. Mohammed Al Amir Atalla

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IC-FTAI'2024

LOCATION: Tanzanite Hall

DATE: January 1, 2025

TIME: 16:50 - 18:30 CLT (GMT+2)

Oral Session VIII: Electromagnetics and Materials, Computational, Propagation and Scattering

Chairs: Prof. Dr. Abdelhamid A. Shaalan
Prof. Dr. Mohamed Fouad

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IC-FTAI'2024

LOCATION: Pearl Hall

DATE: January 2, 2025

TIME: 09:00 - 10:40 CLT (GMT+2)

Oral Session IX: Communications Engineering, Networking and Technology

Chairs: Prof. Dr. Mohamed E. Nasr
Prof. Dr. Moawad Ibrahim Dessouki

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IC-FTAI'2024

LOCATION: Tanzanite Hall

DATE: January 2, 2025

TIME: 09:00 - 10:40 CLT (GMT+2)

Oral Session X: Communications Engineering, Networking and Technology Power Management and Control

Chairs: Prof. Dr. Fathi A. Farag
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IC-FTAI'2024

LOCATION: Pearl Hall

DATE: January 2, 2025

TIME: 11:40 - 12:50 CLT (GMT+2)

Tutorial II: **CARLA: An Advanced Platform for Autonomous Vehicle Simulation**

Chairs: Prof. Dr. Mohamed Fouad
Prof. Dr. Mohammed Al Amir Atalla

- I. **11:40 - 12:50** **CARLA: An Advanced Platform for Autonomous Vehicle Simulation...N/A**
*Youssef A. Mahmoud, Abdelrahman B. Badran, Mohamed Kamel, Yahya A.
Zitoon and Amgad A. Salama*
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IC-FTAI'2024

LOCATION: Tanzanite Hall

DATE: January 2, 2025

TIME: 11:40 - 12:50 CLT (GMT+2)

Student Project Posters

Chairs: Dr. Ahmed Abdelnaby Kabeel
Dr. Nagla Elgazar

I. Cell Damage Disease Revolution Device (CDDRC)...N/A

Shams Mohammed Farouk, Faculty of Science, Alexandria University

II. Design and Fabricate Lower Limb Exoskeleton...N/A

Aalaa Abd El Nasser Ali, Delta Technological University

III. Artificial Intelligent Based- Real Time Monitoring System in Medical Manufacturing...N/A

Ahmed Mosaad, Ahmed Alaa, Mohamed Wael, Youssef Fathy, Ahmed Anas, Ahmed Nagy, Mahmoud Reda, Mahmoud Reda, Wael Mohamed, Youssef Khaled, Misr Higher Institute of Engineering & Technology (MET)

IV. AI Robot Arm & Special Flex Sensor Controller...N/A

Mahmoud Shawki, Youssef Ahmed, Youssef Mohamed, Mohamed Osama, Omar Abdelfatah, Ahmed Hussien, Alhasan Ayman, Hamed Abdelaziz, Obour Higher Institute for Engineering and Technology (OHI)

V. Agri Guru App...N/A

Ahmed Tarek Elframawy, Delta College International School, Menoufia

VI. Khedr...N/A

Youssef Ashraf, Qena STEM School

IC-FTAI'2024

LOCATION: Tanzanite Hall

DATE: January 2, 2025

TIME: 11:40 - 12:50 CLT (GMT+2)

Student Project Posters

Chairs: Dr. Ahmed Abdelnaby Kabeel
Dr. Nagla Elgazar

VII. Eye Spy...N/A

*Malak Ahmed Shawky Ebaid, Nour Ahmed Nabawy Elmasah, **Menoufia STEM School***

VIII. Polio Cure...N/A

*Sedra Saeed, Basem Mohamed, Tasneem Walid, Shahd Mohamed, Ashmawy Elsayed, **Qena STEM school***

IX. AuraTrack...N/A

*Mona Gamal, Malak Ibrahim, **Menoufia STEM School***

X. FlameEye...N/A

*Remas Ahmed, Sandy Sedhom, Mariam Mohamed, **Menoufia STEM School***

XI. Vision Aid...N/A

*Abdulrahman Yasser, Habiba Ahmed, Safwa Abdulgawad, Sondos Ahmed, Sara Beshoy, Sama Ehab, Salma Yahia, Yousef Mohamed, **Qena STEM School***

XII. A Novel Language-Agnostic Speech-Based Classifier for Early Dementia Detection...N/A

*Eyad Ahmed, Omar Beshir, **Obour STEM School***
