

# ICCTA 2024

## 34<sup>TH</sup> INTERNATIONAL CONFERENCE ON COMPUTER THEORY & APPLICATIONS

Alexandria- Egypt



### CALL FOR PAPERS

14<sup>th</sup> - 16<sup>th</sup> December 2024

Hybrid Conference

### ICCTA 2024 CFP

The 34th International Conference on Computer Theory and Applications (ICCTA 2024) will be organized by the Arab Academy for Science, Technology & Maritime Transport (AASTMT) in cooperation with the Computer Scientific Society (CSS) with technical co-sponsorship by IEEE Alexandria subsection. The purpose of ICCTA 2024 is to serve as a multi-disciplinary forum for the exchange of information on research, development, and applications of all topics related to computer theory and its applications. ICCTA 2024 provides opportunities for researchers, specialists and vendors of Information Technology to get together and exchange ideas and expertise. ICCTA 2024 will be organized as a hybrid conference allowing physical and virtual attendance and participation.

#### Honorary Chair

**His Excellency Prof. Dr. Ismail Abdel Ghaffar**  
President, Arab Academy for Science, Technology & Maritime Transport (AASTMT)

#### Conference Chair

**His Excellency Prof. Dr. Yousry S. El-Gamal**  
President, Computer Scientific Society

#### AASTMT Liaison

**Prof. Dr. Alaa Abdel Bary**  
([aaelbary@aast.edu](mailto:aaelbary@aast.edu))

Vice President for Postgraduate Studies and Scientific Research, AASTMT, Egypt.

#### Conference Coordinator and Program Chair

**Prof. Dr. Ayman Adel Abdel-Hamid**  
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Dean, College of Computing and Information Technology  
AASTMT, Alexandria, Egypt.

#### Organizing Committee

**Prof. Dr. Ossama Badawy, AASTMT**

**Prof. Dr. Khaled Mahar, AASTMT**

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**Prof. Dr. Ahmed Farouk, AASTMT**

**Dr. Mahmoud Farouk, AASTMT**

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**Dr. Nezar El Shenawy**

Head of Marketing Unit, Postgraduate Studies and Scientific Research, AASTMT

#### Web Committee

**Eng. Iman Eid**

Head of websites Design Department,  
Information & Documentation Center, AASTMT

#### Important Dates

Sep 15, 2024 Paper Submission Deadline

Nov 10, 2024 Paper Acceptance Notification

Nov 17, 2024 Camera Ready Submission and  
Registration Deadline

### Location

The conference will be held at Arab Academy for Science, Technology and Maritime Transport (AASTMT) on 14-16 December 2024 at the Abu Qir Campus. AASTMT was established in 1972 providing high-quality education to people located in the Arab region. The Abu Qir Campus is located in the rural setting of the large metropolis of Alexandria.



### Topics

- Artificial Intelligence and Intelligent Systems
- Computer Architecture & Parallel Processing
- Computer Control Applications and Mechatronics
- Computer Applications
- Computer Networks and Communications
- Cybersecurity
- Database and Decision Support Systems
- Business Intelligence
- Gamification
- Bioinformatics
- Data Visualization
- E-Business and E-Learning
- Computer Vision
- Natural Language Processing
- Internet of Things
- Cloud Computing
- Information Technology in Smart Cities
- Multimedia and Virtual Reality
- Robotics and CNC
- Software Engineering
- Mobile and Ubiquitous Computing
- Geographical Information Systems
- Data Science

### Paper Submission

The official language of the conference is the English language. Electronic paper Submission (in PDF format – maximum of 6 pages) is available from the conference website at

<http://iccta.aast.edu/submission.html>

(Submission in IEEE double column format – Please see templates at

[http://www.ieee.org/conferences\\_events/conferences/publishing/templates.html](http://www.ieee.org/conferences_events/conferences/publishing/templates.html)).

Accepted papers will be published in the conference electronic proceedings (requested archival in [IEEE Xplore](http://www.ieee.org/conferences_events/conferences/publishing/templates.html) (SCOPUS indexing)) conditional upon advance registration of the paper by at least one of the authors. Acceptance will be based on a rigorous peer review process. A paper can be accepted as full or short paper based on the review process. All accepted papers will be presented in live conference sessions.



<http://iccta.aast.edu>

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