

# **CALL FOR PAPERS**

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

Conference Coordinators & Program Co-Chairs Prof. Dr. Ayman Adel Abdel-Hamid (hamid@aast.edu) Dean, College of Computing and Information Technology AASTMT. Alexandria, Emint

AASTMT, Alexandria, Egypt. Organizing Committee

Prof. Dr. Ossama Badawy, AASTMT Prof. Dr. Khaled Mahar, AASTMT Dr. Essam Kosba, AASTMT Prof. Dr. Ahmed Farouk, AASTMT Dr. Mahmoud Farouk, AASTMT Eng. Hassan Bakr, AASTMT Prof. Dr. Mohamed Kholief, AASTMT Prof. Dr. Ahmed Abou Elfarag, AASTMT Dr. Mohamed El-Habrouk, Alex. University Dr. Amira Zaki, AASTMT Mr. Kabary Mohamed, AASTMT

Honorary Secretary Eng. Mahmoud Morsy Honorary Secretary, CSS

Marketing and Public Relations Dr. Nezar El Shenawy Head of Marketing Unit, Postgraduate Studi

## Web Committee

**Eng. Iman Eid** Head of websites Design Department, Information & Documentation Center, AASTMT

#### **Important Dates**

Sep 15, 2023Paper Submission DeadlineNov 10, 2023Paper Acceptance NotificationNov 17, 2023Camera Ready Submission and<br/>Registration Deadline

# 33rd INTERNATIONAL CONFERENCE ON COMPUTER THEORY & APPLICATIONS







**Hybrid Conference** 

## Purpose & Scope

The 33rd International Conference on Computer Theory and Applications (ICCTA 2023) 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 2023 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 2023 provides opportunities for researchers, specialists and vendors of Information Technology to get together and exchange ideas and expertise. ICCTA 2023 will be organized as a hybrid conference allowing physical and virtual attendance and participation.

## Location

The conference will be held at Arab Academy for Science, Technology and Maritime Transport (AASTMT) on 16-18 December 2023 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 Neural Networks
- Computer Architecture & Parallel Processing
- $\circ~$  Computer Control Applications and Mechatronics
- Computer Applications
- $\circ~$  Computer Networks and Communications
- Cybersecurity
- $\circ~$  Database and Decision Support Systems
- $\circ~$  Business Intelligence
- $\circ$  Gamifications
- Bioinformatics
- $\circ~$  Data Visualization

Paper Submission

### $\circ~$ E-Business and E-Learning

- $\circ~$  Computer Vision
- Natural Language Processing
- $\circ~$  Internet of Things
- Cloud Computing
- $\circ~$  Information Technology in Smart Cities
- o Multimedia and Virtual Reality
- Robotics and CNC
- $\circ~$  Software Engineering
- Mobile and Ubiquitous Computing
- o Geographical Information Systems
- Data Science

The official language of the conference is the English language. Electronic paper Submission (in PDF format – maximum of 6 pages) is available at the following URL: https://cmt3.research.microsoft.com/ICCTAconf2023 .

## (Submission to be in IEEE double column format – Please see templates)

Accepted papers will be published in the conference electronic proceedings (requested archival in IEEE Xplore (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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