



### CALL FOR PAPERS

17<sup>th</sup>- 19<sup>th</sup> December 2022

Hybrid Conference

#### Purpose & Scope

The 32<sup>nd</sup> International Conference on Computer Theory and Applications (ICCTA 2022) 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 2022 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 2022 provides opportunities for researchers, specialists and vendors of Information Technology to get together and exchange ideas and expertise. ICCTA 2022 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**  
Vice President for Postgraduate Studies and  
Scientific Research, AASTMT

#### Conference Coordinators & Program Co-Chairs

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

#### Dr. Essam Kosba

Vice President, Computer Scientific Society

#### Organizing Committee

**Prof. Dr. Ossama Badawy, AASTMT**  
**Prof. Dr. Khaled Mahar, 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**  
**Prof. 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 Studies  
and Scientific Research, AASTMT

#### Important Dates

Paper Submission Deadline	Nov. 5 <sup>th</sup> , 2022 Nov. 16 <sup>th</sup> , 2022
Paper Acceptance Notification	Nov. 26 <sup>th</sup> , 2022
Camera Ready Submission and Reg. Deadline	Dec. 3 <sup>rd</sup> , 2022



#### Topics

- Artificial Intelligence and Intelligent Systems
- Computer Architecture & Parallel Processing
- Computer Control Applications and Mechatronics
- Computer Applications
- Computer Networks and Communications
- Cybersecurity
- Database Systems
- E-Business and E-Learning
- Image Processing & Pattern Recognition
- Internet of Things
- Cloud Computing
- Information Technology in Smart Cities
- Multimedia and Virtual Reality
- Robotics and CNC
- Software Engineering

#### Paper Submission

The official language of the conference is English. Paper Submission (PDF – maximum of 6 pages) is available from <http://iccta.aast.edu/submission.html> in IEEE double column format ([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 (SCOPUS indexing)) conditional upon advance registration of the paper by at least one of the authors. A paper can be accepted as full or short paper based on a rigorous peer review process. All accepted papers will be presented in live conference sessions. Selected outstanding papers will be nominated for extended paper submission in the Advances in Computing and Engineering Journal (ACE).

(<http://apc.aast.edu/ojs/index.php/ACE>).

