



CALL FOR PAPERS

17th- 19th December 2022

Hybrid Conference

Purpose & Scope

The 32nd 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
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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 th , 2022
Paper Acceptance Notification	Nov. 26 th , 2022
Camera Ready Submission and Registration Deadline	Dec. 3 rd , 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).

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>).

