ASET 2025

ADVANCES IN SCIENCE & ENGINEERING TECHNOLOGY

September 15-18

HCT – Dubai
Academic City Campus

The International Conference on
MECHATRONICS, INDUSTRY 4.0, IoT, AND THEIR APPLICATIONS

CALL FOR PAPERS

Dear Colleagues,

The International Conferences on Mechatronics, Industry 4.0, Internet of Things (IoT) and their Applications is a sub-conference of the Advances in Science and Engineering Technology (ASET) conference, organised by the Higher Colleges of Technology in the UAE. The aim of the mechatronics and applications conference is to bring together academicians, researchers, engineers, and graduate and undergraduate students with government and non-government organisations to promote the understanding of mechatronics systems, their underlying science and technology, their applications to military and commercial endeavours and dissemination of new developments in the theory and practice of all the areas of mechatronics and robotics technology and Industry 4.0 and the IoT.

Please use the URL **https://edas.info/newPaper.php?c=33526** to submit your paper using EDAS. You will need to register with EDAS.

The scope of the International Conferences on Mechatronics, Industry 4.0, IoT and their Applications includes, but is not limited to, the following major topics:

- ► Mobile Robotics, Unmanned Vehicles
- ► Parallel Platforms and Applications
- ► Humanoid and Social Robotics
- ► IoT and its Impact on Manufacturing
- ► Advanced Motion Control
- ► Vision and Intelligent Control
- ► Systems Integration
- ► IoT Devices Applications & Examples
- ► IoT Trends, Growth & Predictions
- ► Connected Living Services, Wearables, and Industry
- ► Smart Cities
- ► IoT Impact on Security
- ► Sensors and Actuators, Haptics and Networks
- ► Micro/Nano Mechatronics
- ► Mechatronics in Energy Systems
- ► Modelling and Design

- ► Energy-Efficient Mechatronic Systems
- ► Fault Detection and Diagnosis in Mechatronics Systems
- ► Human-Machine Interface
- ► Mechatronics and Internet of Things
- ► Mechatronics Applications in Agriculture and Regional Industries
- ► Mechatronics Applications in Infrastructures
- ► Mechatronics Applications in Healthcare
- ► Mechatronics Applications in Transportation Systems
- ► Mechatronics Applications in Aeronautics
- ► Mechatronics Applications in Banking and Finance
- ► Mechatronics Applications in Cyber-Physical Systems
- ► Special Sessions
- ► Industry 4.0

On behalf of the organising committee, we invite all colleagues, researchers, academicians and engineers worldwide to submit their outstanding and valuable original research articles and review papers to this leading international conference.