



ASET
ADVANCES IN SCIENCE &
ENGINEERING TECHNOLOGY

2024
June 3-5

HCT - Dubai Men's 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, IoT and Their Applications is a sub-conference of the Advances in Science and Engineering Technology 2024 (ASET '24) conference. The aim of the mechatronics and applications conference is to bring together academicians, researchers, engineers, graduate and undergraduate students with government and non-government organizations to promote the understanding of mechatronics systems, their underlying science and technology, their applications to military and commercial endeavors 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 Internet of Things (IoT). All papers presented at this conference and be will be submitted for publication in IEEE Xplore.

All papers presented at Mi4.0IoT conference will be submitted for publication in IEEE Xplore. The conference will include special sessions on highly specialized topic areas, within the scope of the conference and its theme. Special Sessions are organized by one or more individuals, who must adhere to the specific procedures published at the conference website.

Please use the URL <https://edas.info/newPaper.php?c=31499> to submit your paper using EDAS. You may will need to register to 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

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| ▶ Mobile Robotics, Unmanned Vehicles | ▶ Energy efficient mechatronic systems |
| ▶ Parallel platforms and applications | ▶ Fault detection and Diagnosis in Mechatronics Systems |
| ▶ Humanoid and social robotics | ▶ Human-Machine Interface |
| ▶ IoT and its Impact on Manufacturing | ▶ Mechatronics and Internet of Things |
| ▶ Advanced Motion Control | ▶ Mechatronics applications in agriculture and regional industries |
| ▶ Vision and Intelligent Control | ▶ Mechatronics applications in infrastructures |
| ▶ Systems Integration | ▶ Mechatronics applications in Health-care |
| ▶ IoT Devices Applications & Examples | ▶ Mechatronics applications in Transportation Systems |
| ▶ IoT trends, Growth & Predictions | ▶ Mechatronics applications in Aeronautics |
| ▶ Connected Living Services, Wearables, and Industry | ▶ Mechatronics applications in banking and Finance |
| ▶ Smart Cities | ▶ Mechatronics Applications in Cyber-Physical Systems |
| ▶ IoT Impact on Security | ▶ Special Sessions |
| ▶ Sensors and Actuators, Haptics and Networks | ▶ Industry 4.0 |
| ▶ Micro/Nano Mechatronics | |
| ▶ Mechatronics in Energy Systems | |
| ▶ Modelling and Design | |

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