



ASET 2023

February 20-23

ADVANCES IN SCIENCE & ENGINEERING TECHNOLOGY

HCT - Dubai Men's Campus

The International Conference on BIOMEDICAL ENGINEERING

CALL FOR PAPERS

Dear Colleagues,

The Biomedical Engineering Conference is an international conference under the Advances in Science and Engineering Technology (ASET), organized by the Higher Colleges of Technology in the UAE. The conference aims to bring together academicians, researchers, engineers, graduate and undergraduate students with government and non-government organizations to share and discuss both theoretical and practical knowledge about Biomedical Engineering and innovations in healthcare. So, we invite all colleagues worldwide to submit their outstanding and valuable original research articles and review papers to this leading international conference.

The conference will promote and disseminate knowledge concerning several topics and technologies related to healthcare systems and applications. This conference aims to present significant findings to the international community of healthcare fields in the form of research, development, applications, design, and technology. Therefore, it aims to assist researchers, scientists, manufacturers, companies, communities, agencies, associations, and societies to keep abreast on new advances and developments in their fields and unite in seeking practical life-saving solutions to current issues. All papers presented at the conference will be submitted for publication in IEEE Xplore.

Please use the URL <https://edas.info/newPaper.php?c=29996> to submit your paper using EDAS. You may need to register to EDAS.

The scope of the conference includes, but is not limited to; the following topics:

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| ▶ Biomedical signal processing | technologies, Smart materials, and Wearables |
| ▶ Biomedical image processing | ▶ Wireless healthcare, Telemedicine, M-health, e-health |
| ▶ Healthcare applications | ▶ Big data in healthcare systems |
| ▶ Brain-Computer Interaction, Biometrics, Bionics, and Prosthetics | ▶ Bioinformatics |
| ▶ Artificial intelligence applications in healthcare | ▶ Decision support systems in healthcare |
| ▶ Augmented, virtual, and mixed reality applications in healthcare | ▶ Drug delivery systems |
| ▶ Robotics in healthcare | ▶ Nanotechnology applications in healthcare |
| ▶ Drones applications in healthcare | ▶ Genetics in healthcare |
| ▶ Smart sensors, Smart devices, Smart | |

On behalf of the organizing committee, we invite you to submit articles, proposals for special sessions, workshops, tutorials, etc.