



ASET
ADVANCES IN SCIENCE &
ENGINEERING TECHNOLOGY

2025
September
15-18

HCT – Dubai
Academic City Campus

The International Conference on BIOENGINEERING



CALL FOR PAPERS

The Bioengineering Conference is an international event organised under the Advances in Science and Engineering Technology (ASET) banner by the Higher Colleges of Technology in the UAE. The conference's primary objective is to facilitate the gathering of academicians, researchers, engineers, graduates, and undergraduate students alongside government and non-government organisations. Its purpose is to encourage the exchange and discussion of theoretical and practical knowledge in bioengineering and healthcare innovation. We cordially invite colleagues from across the globe to submit their exceptional and valuable original research articles and review papers to this prestigious international conference.

The conference serves as a platform to promote and disseminate knowledge related to various topics and technologies in healthcare systems and applications. It seeks to present significant findings to the global healthcare community through research, development, applications, design, and technology. As such, it endeavours to support researchers, scientists, manufacturers, companies, communities, agencies, associations, and societies in staying up-to-date with the latest advances and developments in their respective fields and uniting in the pursuit of practical life-saving solutions to current issues.

To submit your paper via EDAS, please use the following URL: <https://edas.info/newPaper.php?c=33525>
Registration on EDAS may be required.

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

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| ▶ Biomedical Signal Processing | ▶ Robotics in Healthcare |
| ▶ Biomedical Image Processing | ▶ Drones Applications in Healthcare |
| ▶ Radiation Therapy Systems | ▶ Smart Sensors, Smart Devices, Smart Technologies, Smart Materials, and Wearables |
| ▶ Healthcare Applications | ▶ Wireless Healthcare, Telemedicine, M-Health, E-Health |
| ▶ Brain-Computer Interaction, Biometrics, Bionics, and Prosthetics | ▶ Big Data in Healthcare Systems |
| ▶ Artificial Intelligence Applications in Healthcare | ▶ Bioinformatics |
| ▶ Augmented, Virtual, and Mixed Reality Applications in Healthcare | ▶ Decision Support Systems in Healthcare |

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