



**ASET**  
ADVANCES IN SCIENCE &  
ENGINEERING TECHNOLOGY

2026  
September  
21-23

HCT – Dubai  
Academic City Campus

## The International Conference on SPACE TECHNOLOGIES AND AEROSPACE ENGINEERING



### CALL FOR PAPERS

Dear Colleagues,

The International Conference on Space Technologies and Aerospace Engineering (STAE) is an international conference under the Advances in Science and Engineering Technology (ASET) multi-conference series, organized by the Higher Colleges of Technology in the UAE. The conference aims to bring together academicians, researchers, engineers, industry professionals, and students from government and non-government institutions in the UAE and worldwide to present and discuss recent advances, innovations, and cutting-edge results in space technologies and aerospace engineering. It is a new international conference dedicated to advancing space technologies and aerospace engineering, and to providing an engaging platform for practitioners and experts to disseminate and explore advances in these fields. The conference will foster collaboration between academia and industry and promote the development of advanced space and aerospace engineering. Attendees can expect to engage with leading experts, gain exposure to groundbreaking research, and participate in discussions at the forefront of shaping the future of space aerospace engineering.

The conference will promote and disseminate knowledge on space systems, satellite technologies, aerospace engineering, and emerging technologies for space and aerospace engineering.

Please use the link <https://edas.info/newPaper.php?c=35042> to submit your paper using EDAS. You may need to register on EDAS.

#### Conference Themes

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

- Space Technologies and Systems:**
- ▶ Satellite, CubeSat, and SmallSat systems
  - ▶ Spacecraft subsystems: power, thermal, electronic, control, altitude
  - ▶ Space payloads, sensors, and instrumentation
  - ▶ Space communications, tracking-telemetry-and-command, and inter-satellite links
  - ▶ Launch systems and mission design

- Aerospace Engineering and Systems:**
- ▶ Aerodynamics and fluid dynamics
  - ▶ Aircraft and spacecraft structures and materials
  - ▶ Propulsion systems (chemical, electric, hybrid)
  - ▶ Guidance, navigation, and control
  - ▶ Avionics and embedded aerospace systems
  - ▶ Unmanned aerial vehicles, unmanned aircraft systems, and autonomous flight systems

- Emerging and Enabling Technologies for Space and Aerospace:**
- ▶ Electronics, photonics, radio-frequency, control systems, embedded systems, communications, power systems, and sensor technologies for space and aerospace
  - ▶ Additive manufacturing and advanced materials for space and aerospace applications
  - ▶ Artificial intelligence for space and aerospace applications
  - ▶ Cybersecurity and resilience of aerospace and space systems
  - ▶ Earth observation and remote sensing applications
  - ▶ Space exploration and planetary missions
  - ▶ Space policy, regulation, and commercialization
  - ▶ Space and aerospace engineering education development

We invite all colleagues worldwide to submit original, outstanding technical articles on recent advances, innovations, and research results in space technologies and aerospace engineering to this leading international conference. We also invite proposals for special sessions, workshops, tutorials, and related activities.