

THE INTERNATIONAL CONFERENCE ON
GLOBAL AERONAUTICAL ENGINEERING AND SATELLITE
TECHNOLOGY :
ADVANCEMENTS, CHALLENGES AND OPPORTUNITIES
(HYBRID MODE)

APRIL 24-26, 2024 MARRAKESH, MOROCCO



TOPICS

- **Satellite Technologies**
 - Satellite systems engineering
 - Nano-satellites : concept, challenges and perspectives
 - Cubesat Subsystems and Technologies
 - Space Exploration Missions with Cubesat
 - Earth Observation and Novel Scientific Instruments / Sensors on Cubesats
 - Nano-satellite attitude and thermal control
 - Mechanical structure and Orbital mechanics
 - Satellite Meteorology and global climate
 - etc.
- **Aerospace and Electronic Systems**
 - Aerospace Materials and Manufacturing
 - Aircraft Design and Analysis
 - Aerospace Propulsion and Power Systems
 - Aerospace Control Systems
 - Aerospace Instrumentation and Testing
 - Navigation, communications, sensors, and avionics architectures
 - Avionics systems for aircraft/rotor craft/unmanned aircraft
 - etc.
- **AI and computing**
 - Stability and precision
 - Autonomic and Trusted Computing
 - High-Performance Computing
 - Knowledge Discovery and Data Mining
 - Parallel and Distributing Computing
 - Parallel Computing Applications in Identification and Control
 - Virtual Reality and Visualization
 - Intelligent Data Engineering and Smart Applications
 - Drones and nano-drones performance
 - etc.
- **Telecommunications and Electrical Engineering**
 - Telecommunication Systems
 - Telecommunications Applied to Transportation
 - Radar systems
 - Electronic and Embedded Systems
 - Space and Terrestrial Antennas
 - Antenna Systems and Architectures
 - Power Engineering and Power Systems
 - Access Systems and Networks
 - Satellite and Space Communications
 - Mobile and Ubiquitous Computing
 - Network and Security
 - Optical Networks and Systems
 - Wireless Communications and Networking
 - etc.
- **Safety Management**
 - Policy and rule making of Drones in the world
 - Fire protection
 - Human factors
 - Resource management
 - Crash investigation
 - Regulations code and standards (RCS)
 - Education, training, lessons learned and best practices
 - Air traffic management
 - Aviation Safety and Security
 - Environment impact
 - Legislation
 - etc.

The International Conference on Global Aeronautical Engineering and Satellite Technology 2024 (GAST'24) is an international event jointly organized by the LAMIGEP Research Laboratory of the Moroccan School of Engineering Sciences Marrakesh, the I2SP research team, and the LSEET laboratory of Cadi Ayyad University. This conference serves as a gathering for prominent experts and professionals in the fields of aeronautical engineering, drones, and satellite technology. Its primary focus is to explore the latest advancements in CubeSats, drones, and other related technologies, while also addressing the challenges and opportunities within the space industries. The conference provides an interactive platform for participants to share ideas, present research findings, and exchange experiences. Attendees encompass researchers, academics, engineers, industry leaders, and students from across the globe. With its emphasis on networking, collaboration, and knowledge acquisition, this conference is a must-attend event for those interested in staying up-to-date with the latest developments in aviation and space sciences. The International Conference on Global Aeronautical Engineering and Satellite Technology plays a significant role in advancing knowledge and fostering innovation in these critical industries.

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<https://gast24.sciencesconf.org/>

Submission Link



CONTACT & KEY DATES

All questions about submissions should be emailed to:

✉ gast24@sciencesconf.org

Important Dates

Extended Submission deadline: **November 30, 2023**
December 31, 2023

Notification of acceptance: **January 31, 2024**
Camera-ready submission: **February 29, 2024**

ORGANIZERS AND PARTNERS



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