



CALL FOR PAPERS

ICASS 2022
Apr 29-30, 2022
Jerusalem, Israel

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICASS 2022 : International Conference on Avionic Systems and Sensors is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Avionic Systems and Sensors. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

- Avionic systems
- Airborne sensor systems
- Navigation and communications systems
- Terrestrial and satellite-based systems
- Autonomous navigation systems
- Digital data links
- Radar and principle of operation
- Operational modes and radar cross section
- Displays: head down, head up and helmet mounted displays
- Avionics systems architectures and integration, databuses
- Flight management and situational awareness systems
- Air traffic management
- Military applications
- Electronic warfare and countermeasures
- Product design considerations
- Design standards, fault tolerance and product life cycle
- Communications
- Navigation
- Monitoring
- Aircraft flight-control system
- Collision-avoidance systems
- Black boxes
- Weather systems
- Aircraft management systems
- Military communications
- Radar