



# **11<sup>th</sup> IAASS Conference**

***17-19 SEPTEMBER 2020***

***Osaka International Convention Center (Japan)***

The International Association for the Advancement of Space Safety (IAASS) is a non-profit organization dedicated to furthering international cooperation and scientific advancement in the field of space systems safety.

JAXA is co-organizing the 11<sup>th</sup> IAASS Conference next year in Osaka, Japan. It will be the first conference outside Europe and USA in its history.

11<sup>th</sup> IAASS conference website: <http://iaassconference2020.space-safety.org/>

Past IAASS conference website: <http://iaass.space-safety.org/events/conferences/>

## Main topics of the conference

Designing safety into space vehicles

Safety on long duration manned missions

Safety of extravehicular activities

Launch safety

**Space debris mitigation & remediation**

**Re-entry safety**

Human spaceflight payloads safety

Safety of nuclear space systems

Human factors and performance for safety

Safety critical software design and IVV

Safety risk management

Probabilistic risk assessment

Organizational culture and safety

Regulations and standards for safety

Space-based safety critical systems

**SSA & space traffic control**

Operations safety

Space materials safety

Commercial human spaceflight safety

Lessons learned

Safety Management System

Space Weather Hazard

**Launch and In-Orbit Collision Risk**

NEO (Near Earth Object) Hazard