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مركز محمد بن راشد
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MOHAMMED BIN RASHID SPACE CENTRE

72nd INTERNATIONAL ASTRONAUTICAL CONGRESS

25–29 October 2021 | Dubai

Inspire, Innovate & Discover
for the Benefit of Humankind

IAC2021.ORG

IAC
DUBAI
2021



IAC 2021 Preliminary Programme

Following the IAF Spring Meetings, the International Astronautical Federation (IAF) is thrilled to announce that the preliminary Plenary and Technical programmes have been selected by the IPC Steering Group with the **theme “Inspire, Innovate & Discover for the Benefit of Humankind”**.

7 Plenaries and **3 Highlight Lectures** will be held at IAC 2021. All sessions will present the latest news and major innovations in space activities related to different fields: exploration, industry, emerging countries, next generation, environment, life-saving applications, and many others.

One Highlight Lecture will be dedicated to the recipient of the prestigious **IAF World Space Award**.

Category	Plenaries
Heads of Agencies	Heads of Agencies plenary
Host Plenary	Host Plenary - Expeditions 60/61 Reunion
Industry	Small satellites solving climate challenges
Exploration	Mars 2020: First Step towards Mars Sample Return
Emerging Countries	Heads of Emerging Agencies
Next Generation	Next Generation Impact on Social Responsibility in Space
Other	Innovative space solutions for search and rescue and life saving applications

Category	Highlight Lectures
Exploration	Results of the OSIRIS-REx sample return from the asteroid Benu
Environment	Twenty Years of Saving Lives from Space; how space agencies are contributing to relief efforts through the “International Charter Space and Major Disasters”
Award	IAF World Space Award

IAC 2021 will also feature an extensive range of **inspiring and interactive Special Sessions**, and will offer new session formats such as Campfires, Design Sprints, Interactive Games and many more.

19 proposals have been accepted among a record number of 87 proposals.

- Integrating Space and Terrestrial Technology for Future Mobility
- Live demonstration of data processing using artificial intelligence and satellite data for ocean farming applications
- The Great Planetary Defense Quiz
- Nanosatellite T-101 Launch Mission Design Workshop - From a customer's need to space operations
- Impact of Satellite Constellations on Astronomy and Society: a Multi-disciplinary Approach
- Rethinking the sustainability and inclusiveness of space exploration through the design of space habitats
- Space Traffic Management: the IAF initiative
- Gaming Out Conflict and Cooperation Scenarios in Lunar Surface Development

Viewing the Health of Earth's Oceans from Space – Agency leaders confer with each other on the difficult challenges, emerging success, and plans for the future

Designing a Geostationary Space Station for 22nd Century

In-Space Servicing, Manufacturing, Assembly, Robotics, and Transportation (SMART)

Interstellar Probe: Humanity's First Deliberate Step into the Galaxy by 2030

Space Sustainability and AI

Making Space for All: Advancing Disability Inclusion in Space for the Benefit of Science and All Humankind

Use Cases for Intelligent Virtual Assistants in the Space Field

Regional Cooperation and National Space Legislation

Designing for Human Life in Space: Beyond Survival

Colliding Laws in Outer Space: Mapping Potential Clashes Between Space Law, Commerce, Antitrust and Ethics and their Solutions through Design Sprint

Space Infrastructure Games

IAC 2021 will be a unique chance to meet and interact with these factions, as well as a chance for organizations to showcase their developments and contributions in front of key representatives.

Registration for the Congress is already open: <https://iac2021.org/registration>

The list of accepted oral and presentations will be announced soon.

Find more on the #IAC2021 [here](#).

For more information

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