

## **IAC 2024 SPECIAL SESSIONS (SpS)**

10.00 11.00 12.00 13.00 14.00 15.00 16.00 17.00 18.0

Monday 14 October

Tuesday 15 October

Wednesday 16 October

Thursday
17 October

Friday 18 October

Plant Cultivation in Space for Food Orbital Debris Remediation -Production and Resource **Accelerating Active Debris** Regeneration: Opportunities. Constraints, and Advances in Removal (ADR) Technology Sustainable Cities and Al-enabled Self-Reliant Design, Communities: which role for Construction, and Operations of Adaptable Deep Space Habitats Cubesats? **Empowering Tomorrow's Space** Space Supporting a World of 8 **Visionaries: Exploring Billion People** Multidisciplinary Pathways to **Space Exploration Future Solar Power Satellites:** Excuse Me, Can You Direct Me to Shackleton Crater? [Applying Novel Space Sustainability for Clean and Solutions to the Challenges of Lunar Secure Energy from Space for Position, Navigation, and Timing] Earth

2024 INTERNATIONAL ASTRONAUTICAL CONGRESS

> Geoinformation Technologies for Sustainable Development (GIT4SD): Promoting Responsible Space Data Analysis in Emergency Response

In-Space Servicing Assembly & Manufacturing (ISAM) – Shaping a Future Safe, Secure and Sustainable Space Ecosystem

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Very Low Earth Orbits (VLEO) – Development and Engagement of the Growing Community of Interest towards Sustainable Lower Altitude Operations

The Next Technology Breakthrough to Drive Transformational Space Science Discovery

Responsible and Sustainable Advances in SAR Mission and Technology

It's Full of Stars: Storytelling for Space Outreach ESA Moonlight: Lunar Communication and Navigation Services for the Lunar Economy

Space It Up! Collaborative Innovation in Space Science & Technology

Interactive Workshop on Space Sustainability: Defining Space Sustainability, Together

A Hard Working Sol on Mars: a Governance Role-Play