

- **Members:** Includes major space agencies like NASA, ESA, JAXA, CNSA, ISRO, and Roscosmos, along with commercial and academic institutions.
- **Main Activities:**
 - Organizing the **SpaceOps Conference**, a biennial event for knowledge exchange.
 - Facilitating discussions on mission planning, spacecraft control, ground systems, and automation.
 - Promoting international cooperation in space operations.

Would you like details on a specific aspect of SpaceOps, such as its next conference or recent publications?

You said:
yes, please.

ChatGPT said:
Certainly! Here's an overview of the upcoming **SpaceOps 2025 Conference** and information on recent publications by the International Space Operations Organization.

SpaceOps 2025 Conference

- **Theme:** "Toward Space Sustainability"
- **Dates:** May 26–30, 2025
- **Location:** Palais des congrès, Montreal, Quebec, Canada

Key Dates:

- **Registration Opens:** January 2025
- **Final Paper Submission Deadline:** March 16, 2025
- **Student & Young Professional Workshop:** May 25, 2025

The conference will explore various aspects of space mission operations, including human and robotic missions, near-Earth and deep-space explorations, Earth-orbiting systems, and Earth observation missions. It's an excellent opportunity for professionals and students to discuss current achievements and future trends in space operations.

[Canadian Space Agency](#)

For more details, visit the official conference website: [SpaceOps2025](#)

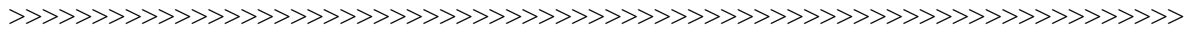
Recent Publications

The SpaceOps Organization offers a range of publications related to space operations topics, including:

- Operations-enabling technology in ground and flight systems
- Operations management
- Mission planning
- Mission management
- Cross support and interoperability
- Launch operations
- Spaceflight operations

These publications are available in various formats, from formal book publications to timely online journals. [SpaceOps](#)

If you're interested in specific publications or topics, feel free to ask for more detailed information.
Sources



What do you know about the international Space Operations Organization (SpaceOps)?



Deep Seek

Okay, the user is asking about the International Space Operations Organization, known as SpaceOps. Let me look through the provided search results to find relevant information.

First, webpage 1 and webpage 5 seem to directly talk about SpaceOps. From webpage 1, it's mentioned that SpaceOps was founded in 1990 as an international committee organization. They have biennial conferences, with the next one in 2025 in Montreal. Their purpose is to promote an international community of space operations experts. They have member space agencies, academia, and industry partners. They also publish journals and have an awards program. The Wikipedia page (webpage 1) and the official site (webpage 5) both mention their focus on technical interchange, mission operations, and ground data systems.

Webpage 2 lists the conferences, showing that they happen every two years in different countries. For example, the 2023 conference was in Dubai, 2021 in South Africa, etc. This helps establish their global presence and biennial schedule. Webpage 3 explains their organizational structure, managed by two committees: Executive and Committee-at-Large. The host countries of the conferences chair these committees, which is an important governance detail.

Looking at other webpages, like webpage 9, it's about the 2023 conference in Dubai, reinforcing the conference locations and themes. However, some webpages (like 4, 6, 7, 8, 10) discuss the International Space Station, ESA, or UNOOSA, which don't directly relate to SpaceOps. So I can ignore those unless there's an indirect connection, but the user's question is specifically about SpaceOps.

Putting it all together, the key points are: establishment and purpose, organizational structure, conferences, publications, awards, membership. Also, their involvement in cross-support and technical standards. I should mention the founding year, the symposium origin from ESA, the biennial conferences with examples, the committees, member agencies, and their initiatives like the journal and awards. I'll need to cite the relevant webpages where each piece of info comes from.

The International Space Operations Organization (SpaceOps) is a globally recognized committee dedicated to fostering collaboration and advancing expertise in space mission operations and ground data systems. Here's a detailed overview based on available information:

1. Establishment and Purpose

SpaceOps was established in 1990 following a symposium on "Ground Data Systems for Spacecraft" organized by the European Space Agency (ESA) 1. Officially formed in 1992, its primary mission is to promote an international community of space operations experts and improve capabilities in mission planning, execution, and cost efficiency 16. The organization emphasizes technical interchange among space agencies, academia, and industry to address challenges in robotics, human spaceflight, Earth-orbiting missions, and deep-space exploration 6.

2. Organizational Structure

SpaceOps is managed by two committees:

- > Executive Committee: Comprises representatives from each member space agency.
- > Committee-at-Large: Includes members from space agencies, academia, and industry.

The host countries of the biennial conferences chair these committees, with the most recent and upcoming hosts leading governance 4.

Thirteen space agencies are members, alongside non-agency participants from institutions like the Rutherford Appleton Laboratory and companies such as Orbit Logic 14.

3. Key Activities

Conferences

SpaceOps hosts biennial conferences to discuss operations principles, cross-support interoperability, and emerging technologies. Notable recent and upcoming events include:

2023: Dubai, UAE (hosted by MBRSC) 211.

2025: Montréal, Canada (hosted by the Canadian Space Agency), themed "Toward Space Sustainability" 16.

Past conferences in South Africa (2021), France (2018), and South Korea (2016) addressed topics like mission resilience and virtual operations during COVID-19 12.

Publications

Journal of Space Operations & Communicator: A peer-reviewed journal launched in 2004 in partnership with AIAA 1.

Post-Conference Books: Compilations of top papers from each conference, updated and extended by authors 1.

Awards

The International SpaceOps Exceptional Achievement Medal recognizes outstanding contributions to space operations, such as the Mars rover teams and NASA's Gene Kranz 1.

4. Focus Areas

SpaceOps addresses critical domains in space operations, including:

- > Cross-Support and Interoperability: Ensuring compatibility between international systems.
- > Mission Planning & Management: Streamlining operations for efficiency.
- > Operations-Enabling Technology: Innovations in robotics and automation 6.

5. Global Impact

By facilitating knowledge exchange and standards development, SpaceOps plays a pivotal role in advancing sustainable space exploration. Its emphasis on collaboration has influenced projects like the International Space Station (ISS) and emerging commercial space stations 18.

For further details, visit the SpaceOps official website or explore their conference archives and publications 16.