



Fact Sheet on the AIAA International Space Cooperation Workshop Series





International Space Cooperation

- In 1992, AIAA's International Activities Committee initiated a series of workshops on international space cooperation
- Six workshops organized by AIAA to date; seventh workshop in planning
- Focus and topics: Importance of space technologies and their role in everyday life, and the role that enhanced international space cooperation can play
- International experts from government, industry and academia are invited to participate
- Topics chosen for timeliness and relevance to current issues with a focus on international cooperation
- Results are documented in Workshop reports that are distributed to key decision-makers worldwide





Past Workshops

1: Learning From the Past—Planning for the Future

- Venue: Hawaii (December 1992)
- Chair: Edward C. Aldridge, Jr.
- Topics:
 - Space Science
 - Space Exploration
 - Space Applications
 - Supporting Infrastructure
 - International Cooperation—Policies and Approaches





Past Workshops

2: Getting Serious About How

- Venue: Hawaii (December 1994)
- Chairs: Edward C. Aldridge, Jr. and Richard H. Petersen
- Topics:
 - Global Space Systems Services
 - International Space Cooperation for Peacekeeping
 - Cooperative Human and Robotic Exploration of Space
 - International Cooperation in Space Transportation
 - Solar Power to Earth



Past Workshops

3: From Recommendations to Actions

- Venue: Italy (May 1996)
- Co-sponsor: Confederation of European Aerospace Societies (CEAS)
- Host: European Space Agency
- Chairs: Ernesto Vallerani and A. Thomas Young
- Topics:
 - Criteria for International Space Cooperation
 - Using Space Assets for Disaster Management
 - International Cooperation in Space Transportation
 - International Space Station Utilization Strategy



Past Workshops

4: New Government and Industry Relationships

- Venue: Canada (January 1998)
- Co-sponsors: Canadian Aeronautics and Space Institute (CASI) and CEAS
- Chairs: Donald L. Cromer and Karl H. Doetsch
- Topics:
 - Establishing Partnerships in Space Projects: Toward Commercialization
 - An International Cooperation Approach for Short Lead-Time Civil Space Projects
 - International Cooperation for Global Navigation Satellite Systems
 - Public Space Travel
 - Lowering the Cost of Access to Space



Past Workshops

5: Solving Global Problems

- Venue: Bermuda (April 1999)
- Co-sponsors: CASI, CEAS, and United Nations/Office for Outer Space Affairs (UN/OOSA)
- Chairs: Edward C. Aldridge, Jr., Nandasiri Jasentuliyana, and Hans Kappler
- Topics:
 - Government-Industry Partnerships in Space Projects: Toward Commercialization
 - Global Navigation Satellite Systems: Fostering International Cooperation and Benefits to Worldwide Users
 - International Earth Observation Data Distribution Systems
 - Using Space Assets for Disaster Management: Next Steps
 - The Growing Numbers of Satellites in Orbit: Facing the Issues



Past Workshops

6: Addressing Challenges of the New Millennium

- Venue: Spain (March 2001)
- Co-sponsors: CEAS, International Academy of Astronautics (IAA), and UN/OOSA
- Chairs: Edward C. Aldridge, Jr., Mazlan Othman, and Ernesto Vallerani
- Topics:
 - Space Traffic Management
 - An International Approach to Detecting Earth-Threatening Asteroids and Comets and Responding to the Threat They Pose
 - Global Navigation Satellite Systems
 - Space and the Public: A Critical Link
 - Contribution of Space Systems to the Development and Implementation of Multilateral Environmental Agreements





Criteria for Cooperation

- Criteria for International Space Cooperation developed during third Workshop in 1996
- Used to evaluate government-to-government, multi-government-to-multi-industry, and industry-to-industry cooperation on projects
- **Domestic Interests Criteria**
 - Foreign policy
 - National constraints
 - International treaties and less-formal agreements
 - Program scale, stability, and risk
 - Management regime of partnership
 - Confidence in partnership
- **Materials Benefits Criteria**
 - Financial
 - Industrial development
 - Access to expanded knowledge and skills base
 - Access to benefits of space (products/services/infrastructure)
 - Niche capabilities
- Criteria being revisited during 2004 Workshop
 - Guidelines on how to succeed with international cooperation in space to be developed



Current Workshop

7: From Challenges to Solutions

- Venue: Anchorage, Alaska (2–6 May 2004)
- Co-sponsors: CASI, CEAS, IAA, Space Generation Advisory Council (SGAC), UN/OOSA
- Chairs: Jean-Michel Contant and James V. Zimmerman
- Topics:
 - Transformational Space Events: Assessing Global Implications
 - Guidelines for International Cooperation in Space
 - Space and Sustainable Development: Using Space Mirrors to Relay Electric Power from Energy-rich to Energy-poor or Developing Areas
 - Space Applications for Sustainable Development
 - Nuclear Power Sources for Space Exploration: International Policy/Public Communications Issues

