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
  ➢ 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
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