



ITU-APT Foundation of India (IAFI) SPACE POLICY CONFERENCE (ISPC25)

24 - 25 JULY 2025

Day 1: 24 July 2025, New Delhi, India

*International Workshop on Direct-to-Device (D2D) Connectivity
through Satellite Communications*

9:00 AM - 9:30 AM

- Welcome and Registration networking opportunities

9:30 AM - 10:00 AM

- Opening Remarks
- Welcome address by conference chair and key stakeholders.

10:00 AM - 11:00 AM

Spectrum Issues for D2D – WRC-27 Agenda Items 1.11, 1.12, 1.13 and 1.14 with a key focus on 1.13

- Current status of ITU Studies
- Frequency bands under consideration
- Interaction between Mobile Operators and Satellite Operators

11:00 AM - 11:15 AM

- Networking Break
- Opportunity for participants to network and view exhibits.

11:15 AM - 12:30 PM

D2D Technology, Regulations and Standards

- Overview of D2D technology developments
- Technical challenges and solutions
- Policy considerations for deployment
- Licensing and Regulatory Framework
- Standardization efforts and regulatory requirements

12:30 PM - 1:30 PM

Business and Policy Session: D2D Market Opportunities

- Business models for D2D connectivity
- Key sectors and services: Remote connectivity, Emergency services, Fishing, Transport, Agriculture, Early Warning systems, Monitoring & Climate Change

1:30 PM - 2:30 PM Lunch Break

2:30 PM - 3:00 PM

ISPC Main Conference Begins

Welcome Address and Opening Remarks

- Conference chair introduction
- Keynote speech by government Minister

3:00 PM - 4:30 PM

Session 1: India's Space Policy Framework and Recent Reforms

- Overview of Space Policy 2023
- Overview of Indian Telecom Act 2023
- Role of IN-SPACE in facilitating private sector participation
- Role of DOT and TRAI for licensing and spectrum assignments for Satcom services

4:30 PM - 5:00 PM Networking Break Refreshments

5:00 PM - 6:30 PM

Session 2: Spectrum Management and WRC-27 Agenda Items

- Technical parameters of 6GHz delicensing in 5925-6425 MHz
- Impact of WRC-27 agenda items on Radio Astronomy services
- Spectrum sharing considerations for non-terrestrial networks

6:30 PM - 7:00 PM Closing Remarks

Day 2: 25 July 2025, New Delhi, India

9:00 AM - 9:30 AM - Session

- Review of previous day's highlights.

9:30 AM - 11:00 AM

Session 3: International Collaborations, Partnerships and technology developments

- New opportunities in India's space ecosystem for the private sector
- International collaborations and partnerships in India's Space programs
- Role of international organizations in space governance
- Collaborative research and development initiatives
- Opportunities of India's satellite startup ecosystem

11:00 AM - 11:30 AM Networking Break Refreshments

11:30 AM - 1:00 PM

Session 4: Space Sustainability and Debris Management

- Current state of space debris
- Mitigation strategies and international frameworks
- India's approach to sustainable space operations

1:00 PM - 2:00 PM Lunch Break

2:00 PM - 3:30 PM

Session 5: Enterprise connectivity using satellite services

- Satellite Connectivity for Maritime and Aviation Enterprises - Solutions for providing seamless connectivity to ships, airlines, and other mobile platforms.
- Satellite-Based Supply Chain Management - How satellite connectivity can improve supply chain visibility and efficiency.
- 6G and Beyond: The Future of Satellite-Enabled Enterprise Connectivity - Vision for next-generation satellite networks and their integration with 6G.
- Quantum Communication and Satellite Networks - Exploring the potential of quantum communication for secure enterprise connectivity.
- Satellite Services for Smart Cities and Urban Enterprises - How satellite technology can support the connectivity needs of smart cities.
- Case Studies: Lessons from Successful Enterprise Satellite Deployments globally and learning from international examples to inform India's satellite policy and enterprise strategies.

4:00 PM - 4:30 PM Networking Break Refreshments

4:30 PM - 6:00 PM

Session 6: Security and Defense Applications

- Dual-use technologies in space
- Space situational awareness and security
- India's strategic autonomy in space domain

4:30 PM - 6:00 PM

- Summary of conference outcomes
- Future directions for India's space policy
- Farewell remarks