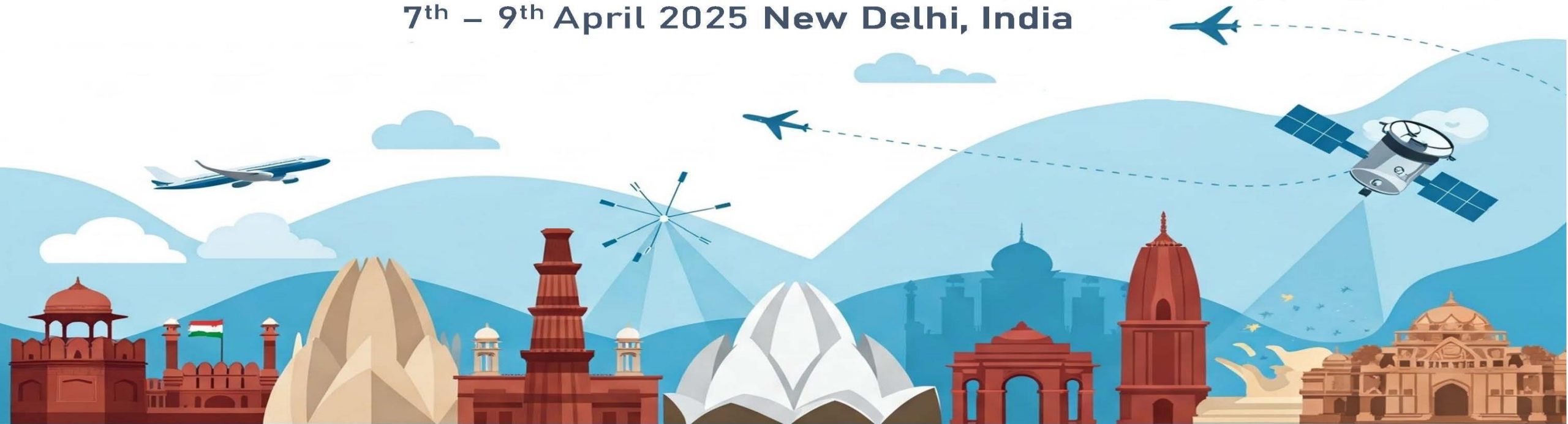


ICAO APAC RADIO NAVIGATION SYMPOSIUM

GNSS RFI: Collectively Bridging Gaps and Shaping the Path Forward

7th – 9th April 2025 New Delhi, India





नागर विमानन मंत्रालय
MINISTRY OF CIVIL AVIATION



Session 7: Key Takeaways, Recommendations and Path Forward

Gerhard Berz, Loftur Jonasson,
John Moore, Ho Wee Sin, Ken
Alexander, Sai Kalyanaraman

EUROCONTROL, ICAO, IATA, CAAS Singapore,
FAA, Collins Aerospace

ICAO



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List of Topics for Review / Discussion / Agreement

Radio Regulatory Topics

Flight Deck Matters

ATC Operations

Service Provision
Aspects

Short Term C-PNT

Long Term C-PNT

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Donated by Shanghai in memory of 20, 01 & 30, 01 & 01



- Capabilities to detect, RF measure, geolocate source
- Guidance on link between operator reports, ANSP confirmation / spectrum regulator engagement?
- Improve enforcement of jammers & educate about their illegality (careful not to advertise vulnerability)
 - Market enforcement (websites)
 - Manufacturer legal to facilitate confiscation





























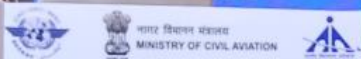
- Improve enforcement about their illegality
- Vulnerability
- Market enforcement
- Market shi





Radio regulatory Topics

Objective: Limit RFI
occurrence as much
as possible



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Implement ITU WRC23 Resolution 676

- Continue to promote / improve coordination with military / security actors
 - Including testing & Counter UAS
- Use ITU RR15 Escalation Procedure for RFI over international water or cross-border cases
 - Capabilities to detect, RF measure, geolocation of source
 - Guidance on link between operator reports / ANSP confirmation / spectrum regulator engagement?
- Improve enforcement of jammers & educate about their illegality (careful not to advertise vulnerability)
 - Make enforcement (website)
 - Make ownership illegal to facilitate confiscation















































Implement ITU WRC23 Resolution 676

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