# International Issues and Future Systems

Co-chairs: Peng Zhang and Niels Bormann

**Saturday, 13:15-16:15**

Topics:

1. Evolution of the global observing system and CGMS baseline
   - Outcomes of the latest CGMS risk assessment
   - Role of small satellites
2. Timeliness aspects, coordination
3. Calibration aspects and GSICS activities
4. Review of HLPP and future CGMS directions
5. AOB

Note: Spectrum management/RFI issues to be covered in dedicated sub-group on Saturday, 16:30-17:30

INTERNATIONAL ATOVS WORKING GROUP

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- Committed agency plans over the next few years vs CGMS baseline for passive sounding (3 sun-synchronous orbits with MW and hyperspectral IR; GEOs with hyperspectral IR)
- Implementation of WIGOS Vision 2040 beyond the current CGMS baseline (more orbits, new technology, etc)
- Lessons from first experiences with small satellites/cubesats
- Role of commercial providers

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2. Timeliness aspects, coordination
   - Requirements, incl demonstration of NWP impact
   - DBNet
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- Need for ICVS-style calibration and performance monitoring
- SI-traceable in-orbit reference

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- Items of relevance for ITWG
- New strategic themes for CGMS

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