

The International TOVS Working Group (ITWG)

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ITWG Co-Chairs



International TOVS Working Group (ITWG)

- Established in 1983 as a working group of the International Radiation Commission (IRC), a commission of the International Association of Meteorology and Atmospheric Sciences (IAMAS).
- Formally adopted as sub-group of the Coordination Group for Meteorological Satellites (CGMS) in 2012.
- Provides a forum where operational and research users of atmospheric infrared and microwave sounder data exchange information on:
 - Sensor status
 - Processing methods and derived products
 - Data use in Numerical Weather Prediction
 - Radiative transfer developments
 - Climate studies
 - Real time sounder data processing and products

International TOVS Study Conferences

- ITSC is held every 18-24 months; 21 conferences so far since 1983.
- ITSC-21 was held in December 2017 in Darmstadt, Germany (hosted by EUMETSAT).
- Conference spans 7 days:
 - 5 days are plenary session talks and posters (single track)
 - 1 day is for working group meetings
 - 1 day free
- Working groups meet for 2-4 hours to discuss progress on action items, new topics, and assign new actions and recommendations.
- Working group co-chairs present and write up a working group report
- ITWG co-chairs write a conference report and present it to CGMS and IRC (contains ITWG recommendations).

ITWG Working Groups 2019

Six Working Groups

1. Numerical Weather Prediction
2. Radiative Transfer and Surface Property Modeling
3. Advanced Sounders
4. International Issues and Future Systems
5. Climate
6. Sounder Products and Software

Two Technical Sub-Groups

1. RTTOV
2. CRTM

ITWG Working Group Leadership

Numerical Weather Prediction:

Fiona Smith, BoM/Met Office and Andrew Collard, NOAA/NCEP

Radiative Transfer and Surface Property Modeling:

Marco Matricardi, ECMWF and Benjamin Johnson, JCSDA/NCEP

Advanced Sounders:

Dorothee Coppens, EUMETSAT and Dave Tobin, UW-Madison

International Issues and Future Systems:

Stephen English, ECMWF and Peng Zhang, CMA

Climate:

Nathalie Selbach, DWD/Climate SAF and Cheng-Zhi Zou, NOAA

Sounder Products and Software:

Nigel Atkinson, Met Office and Graeme Martin, UW-Madison

Welcome to the ITWG Family and
Enjoy ITSC-22!

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