

## 4th workshop on assimilating satellite cloud and precipitation observations for NWP



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Type: **Oral presentation**

### **All-sky infrared assimilation overview**

*Monday, 3 February 2020 14:00 (40 minutes)*

This presentation intends to cover recent development of all-sky infrared assimilation in the research and operational system. Development on all-sky IR assimilation have been recently significantly progressed although it has not yet been implemented in operational systems. Studies showed the value of frequent measurement of all-sky infrared radiances from new generation geostationary satellites in regional assimilation systems. Some global assimilation studies also showed positive impacts of assimilating all-sky radiances of hyperspectral sounders and geostationary imagers. The ongoing developments, issues and achievements of all-sky infrared assimilation will be overviewed based on the information given by operational centers and recent publications.

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**Session Classification:** Session 1a: Assimilating satellite observations sensitive to cloud and precipitation

**Track Classification:** 4th workshop on assimilating satellite cloud and precipitation observations for NWP