

## **Breakout session: Ocean Colour Satellite Sensor Calibration Workshop**

Chair: Gerhard Meister ([gerhard.meister@nasa.gov](mailto:gerhard.meister@nasa.gov))

### **Description of Breakout Workshop:**

This workshop is the main forum for the IOCCG Task Force on '*Ocean Color Satellite Sensor Calibration*'. The task force was established to answer to the needs of all ocean colour missions because accurately calibrated and characterized satellite sensors are a prerequisite for most of the OCR applications, from climate, Earth system science and marine ecosystem monitoring, to operational services including water quality, fisheries and algal blooms. The specific goal of this workshop is to support the calibration teams of all current and planned ocean color sensors, providing an opportunity to learn about the latest calibration developments from the agency calibration representatives and experts.

The list of speakers below shows that (as in previous workshops), calibration experts from almost all current and future ocean color missions will be present to share their experience and discuss possible improvements to their current approach regarding both prelaunch and on-orbit calibration/characterization.

### **Key questions:**

- What are the main concerns regarding on-orbit calibration of currently active sensors?
- Are there new approaches to the prelaunch characterization of ocean color sensors?

### **Draft Schedule:**

- Speaker 1: Gerhard Meister, NASA
- Speaker 2: Ewa Kwiatkowska, EUMETSAT
- Speaker 3: Loudovic Bourg, ACRI/ESA
- Speaker 4: Seongick Cho or Kibeom Ahn, KIOST
- Speaker 5: Hiroshi Murakami, JAXA
- Speaker 6: Jack Xiong, NASA
- Speaker 7: Shihyan Lee, NASA
- Speaker 8: NOAA, unconfirmed at this point