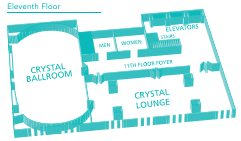

SATELLITE INSTRUMENT PRE- AND POST-LAUNCH CALIBRATION

Co-Chairs: Gerhard Meister (NASA, GSFC) and Bertrand Fougnie (CNES, France)

The goal of this session is to discuss the current state of the art for on-orbit ocean colour instrument calibration and characterization. The discussion topics include recent and currently on-going efforts for improving the radiometric accuracy for past, current and future ocean colour sensors including on-orbit approaches (solar diffuser calibration, lunar calibration, cross-calibration to other sensors) as well as relevant prelaunch characterization efforts (temperature or polarization sensitivity, straylight, spectral characterization, etc.). Discussions will include calibration related aspects of the on-orbit commissioning phase from teams actively planning for upcoming sensors as well as lessons learned from established ocean colour sensors. This session is held in the framework of the Ocean Colour Calibration Task Force.

8:45-8:50	**Introduction** Gerhard Meister (NASA GSFC)
8:50-9:05	**SeaWiFS Calibration Update – The story of less than 1 digital count** Frederick Patt (NASA GSFC/SAIC)
9:05-9:20	**Status of Aqua MODIS calibration and performance** Xiaoxiong Xiong (NASA GSFC)
9:20-9:35	**Status of MERIS Calibration for 4th Reprocessing** Ludovic Bourg (ACRI-ST)
9:35-9:50	**Updates on OCM-2 calibration through vicarious and lunar calibrations** Prakash Chauhan (ISRO)
9:50-10:05	**GOCI postlaunch calibration and GOCI-II pre-launch calibration plan** Seongick Cho (KIOST)
10:05-10:20	**HY-1B/COCTS calibration** Xianqiang He (SOA)
10:20-10:35	**Break**
10:35-10:50	**S-NPP VIIRS on-orbit calibration for ocean colour applications** Gene Eplee (SAIC)
10:50-11:05	**S-NPP VIIRS calibration** Junqiang Sun (GST)
11:05-11:20	**Challenges of system vicarious calibration for non-standard atmospheric correction** Constant Mazeran (Solvo)
11:20-11:35	**EUMETSAT calibration activities** Ewa Kwiatkowska (EUMETSAT)
11:35-12:00	**Future activities and organizational structure of the IOCCG Calibration Task Force** Kwiatkowska/Meister