International Ocean Colour Science Meeting 2013 | Advancing Global Ocean Colour Observations

SPECTRUM C | **MONDAY 6 MAY (13:30 - 16:00)**

SPLINTER SESSION 3 — Geostationary ocean colour radiometry

Co-CHAIRS Joo-Hyung Ryu (KIOST, Korea), Kevin Ruddick (RBINS/MUMM, Belgium) and Antonio Mannino (NASA GSFC)

13:30 - 14:20 **1. GEO product and application**

13:30-13:37 Jong-Kuk Choi, KOSC/KIOST, Korea
13:37-13:44 David Doxaran, LOV, France
13:44-13:50 Robert Frouin, SIO, USA
13:50-14:20 Discussion

14:20 - 14:50 **2. GEO data processing technique** (including atmospheric correction, slot problem, Case-2 coastal water algorithm etc.)

14:20-14:30 Dr. Seunghyun Son, NOAA, USA
14:30-14:40 Constant Mazeran, ACRI, France
14:40-14:50 Discussion

14:50 - 16:00 **3. GEO new mission and synergy**

14:50-14:55 Joo-Hyung Ryu, KOSC/KOIST, Korea
14:55-15:00 Antonio Mannino, NASA, USA
15:00-15:05 David Antoine, LOV, France
15:05-15:10 Quinten Vanhellemont, RBINS/MUMM, Belgium
15:10-16:00 Discussion

SYNOPSIS

It is believed that geostationary ocean colour radiometry opens a new era for ocean colour remote sensing, which is brought by the successful launch and operation of GOCI (Geostationary Ocean Color Imager) with precedent research using SEVIRI on MSG (Meteosat Second Generation) and ongoing survey studies such as GEO-CAPE.

The objective of this "Geostationary ocean colour radiometry" session is to share the research expertise in applications and data processing issues of ocean colour observations in geostationary orbit, and to discuss an international collaboration such as satellite constellation of GEO ocean colour missions. For the effective community discussions within 150 minutes, the session is composed of the three topics: 'GEO products and applications', 'GEO data processing techniques', and 'GEO new mission and synergy'. Following is the current outline for the GEO session.