Instrument processing: re-tracking, radiometer retrieval, SSB, etc.

Chairs: P. Callahan, S. Brown, J. Lambin

Overview

- *Focuses on the algorithms used to generate the level-2 products (GDR or alternatives), excluding external fields (Atmospheric pressure and water vapor models, tide models , etc.).*
- *Presentations in this splinter will focus on performance evaluations of the existing algorithms used to generate the level-2 products*
  - *Altimeter re-tracking*
  - *Wet tropospheric path delay retrieval*
  - *sea state bias estimation*
  - *instrument flagging, particularly rain flagging*
- *Also presentations on emerging algorithms that promise an enhancement over current capability.*

Agenda

Monday, June 22 14:00–16:00
Poster Session: 16:30

14:00	THIBAUT	Jason-2 instrumental and processing status
14:12	THIBAUT	Singular value decomposition applied on altimeter waveforms
14:24	Jean-Damien DESJONQUERES	POSEIDON3 instrument investigations, corrections and upgrades
14:36	Philip Callahan	Analysis of TOPEX retracked GDR data
14:48	Walter Smith	Difference in J-1 and J-2 retracker-induced biases
15:00	Ngan Tran	Sea state bias on the Jason-1/2 missions
15:12	Praphun Naenna	An analytical model of the electromagnetic bias using the physical optics scattering theory
15:24	Estelle Obligis	SLOOP: Potential of new retrieval algorithms for the wet tropospheric correction of the Jason1/Jason2 Radiometers
15:36	Shannon Brown	Performance Assessment of the Advanced Microwave Radiometer after 1-year in Orbit
15:48	All	Discussion
16:00		Adjourn to coffee break

Posters

Graham Quartly	What's the point of mispointing?
BOY Francois	Scalable processor for altimetry (SPA): New CNES processing center for altimetry missions