Splinter G
Operational Application, Coastal and inland water studies, wind waves and associated Cal/Val studies

DATA PRODUCTS

        John Lilibridge (Jason-2/OSTM NRT and CAL/VAL)

WIND/WAVES

        Shailen Desai (SSH)
        Saleh Abdalla (Wind and Waves)
        Jean-Michel Lefevre (Wave Modeling)
        Doug Vandermark (Wave Products)

COASTAL

        Stefano Vignudelli (Collaborations)
        Le Yang (retracking)
        Laurent Roblou (Dynamics)
        Ted Strub (CAL/VAL)
        Florence Birol (Ops)
        Kristine Madsen (Ops)
        Alexandra Nunes (Wet Trop Correction)
        Franck Mercier (Improved Jason-2 products)
        Jacob Hoyer (shelf and coastal seas)

INLAND WATER

        Jean-Francois Cretaux (Radar Altimetry and MODIS)
        Jean-Francois Cretaux (Hydrology)   \
        Franck Mercier (Hydrology)
        Charon Birkett (Operational program USDA)
        Muriel Berge-Nguyen (hydrology)
        Pascal Bonnefond (and Inland Water)

SEA ICE/SNOW

        Ngan Tran (Classification)

Topics addressed

- OGDR product (e.g. wave and winds) validation using wave models.

- Applications: E.g. big wave surfing, hurricane forecasting, storm surges monitoring, water resources, natural hazards (floods)

- Science/Research questions
  - Climate change
  - Water cycle

OGDR Issues

- OGDR - SWH Excellent
- OGDR - Wind Good, tiny bias (J1 – J2)
- OGDR - SSH good

  Other splinter sessions gave more input

Products

- In progress
  - Min/max sea ice extent, melt/freeze onset time, hypsometric curves
- Additional
  - Temperature, salinity, velocity, water storage anomalies, lake temperature/area, ground based measurements (hydrology)

Challenges

- Retracking
- Wet tropospheric correction
- Tides
- Spatial/Temporal Resolution
- The need of High-Level products