10 - 15 novembre 2008 ***10 - 15 November 2008***

Nice - France
Centre de Congrès Acropolis

cnes
CENTRE NATIONAL D'ÉTUDES SPATIALES

IDS

GODAE
GLOBAL OCEAN DATA ASSIMILATION EXPERIMENT

Comité d'organisation

Le comité d'organisation est constitué de membres issus des bureaux et institutions en charge du projet global : le CNES, l'OSTST, GODAE, l'IDS et l'agence Carte Blanche. Il a pour mission de planifier et organiser l'ensemble des trois évènements.

Organising Committee

An organisation committee consisting of members from project offices and institutions (CNES, GODAE, IDS and Carte-Blanche) has been assigned to take responsibility of the planning and arrangement of the three events.

◎ Co-présidents du comité / Committee Co-chairs

- Sophie Coutin-Faye, CNES, France
- Yves Menard, OSTST, France

◎ Membres du comité / Committee Members

- Mike Bell, Met Office, UK
- Nicole Bellefond, CNES, France
- Dominique Brault, Carte Blanche, France
- Anne-Marie Laborde, CNES, France
- Juliette Lambin, CNES, France
- Corinne Leroy, Carte Blanche, France
- Pierre-Yves Le Traon, Ifremer, France
- Laurent Soudarin, CLS, France
- Gilles Tavernier, CNES, France
- Alain Thabaud, Carte Blanche, France
- Eric Thouvenot, CNES, France
- Kirsten Wilmer-Becker, Met Office, UK

Organisateurs / Organisers

Partenaires / Sponsors

La conférence "Voir et prévoir l'océan" est soutenue par de nombreux sponsors et partenaires listés ci-dessous. Les organisateurs de l'évènement souhaitent les remercier pour leur soutien actif.

This event is supported by the organisations listed below.
The event organisers would like to thank them all for their support.

◎ Un congrès - Trois événements

Meeting OSTST
Symposium Final GODAE
Atelier IDS
ont choisi de créer un événement unique regroupant en un seul lieu le meeting de l'OSTST, le Symposium final de GODAE et l'atelier IDS. Cette manifestation est l'occasion pour les chercheurs et scientifiques de communiquer et partager leurs expériences dans leurs différents domaines de recherche.

Meeting OSTST
La réunion annuelle du Groupe Scientifique de Topographie de la Surface des Océans (OSTST) rassemble pour la première fois du 10 au 12 novembre 2008 les nouveaux responsables scientifiques et co-investigateurs sélectionnés par le CNES et la NASA en 2008. Cette rencontre qui a lieu quelques mois à peine après le lancement du satellite Jason-2/OSTM est consacrée principalement à l'analyse préliminaire des résultats du projet CalVal après lancement et des performances de la mission orbitale.

Le Symposium final de GODAE
Le Symposium final GODAE (du 12 au 15 novembre 2008) est l'occasion de faire le point sur les réalisations clés des dix dernières années, de saluer les réussites majeures, d'examiner les résultats d'un point de vue critique et de discuter des perspectives concernant les analyses et prévisions océaniques opérationnelles ainsi que des propositions de coordination internationale en la matière.

L'atelier IDS
L'atelier du Service International DORIS (IDS) a lieu du 12 au 14 novembre 2008. L'objectif de cet atelier est de rassembler des représentants de tous les groupes contribuant à DORIS pour partager des informations relatives au réseau, aux données, aux produits, aux intercomparaisons, aux développements et à tous résultats scientifiques relatifs à DORIS.

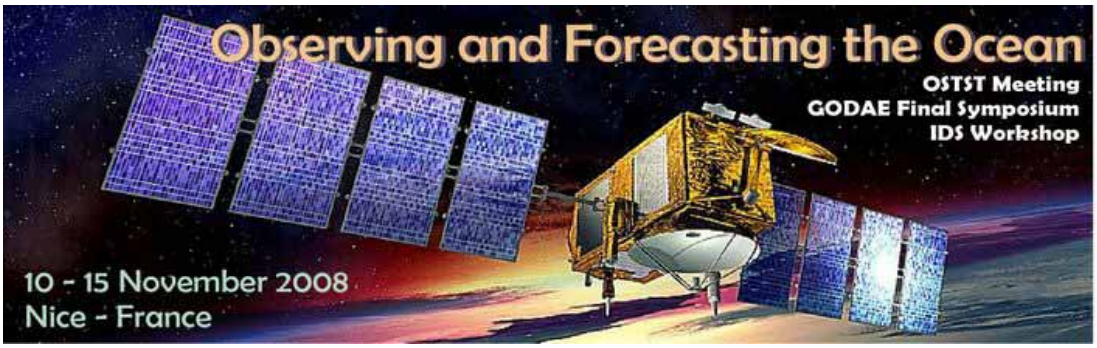
◎ One congress - Three events

OSTST Meeting
GODAE Final Symposium
IDS Workshop
collocate their events to allow scientists of different backgrounds to communicate and to share their experience across different fields of research.

OSTST Meeting
The annual Ocean Surface Topography Science Team meeting (10-12 November 2008) gathers for the first time the new PIs and Co-Is selected by CNES and NASA in 2008. This meeting, held just a few months after the launch of the OSTM/Jason-2 satellite, is mainly dedicated to the preliminary analysis of the post-launch CalVal results and of the on-orbit mission performances.

GODAE Final Symposium
The Final GODAE Symposium (12-15 November 2008) provides an opportunity to review the key achievements of the last 10 years, to celebrate the outstanding successes, to critically examine the outcomes, and to discuss the future of operational ocean analysis and forecasting and proposals for its international coordination.

IDS Workshop
The International DORIS Service (IDS) workshop is held on 12-14 November 2008. The purpose of this workshop is to get representatives from all DORIS groups together to share information about the network, data, products, inter-comparisons, developments and scientific results in all aspects of DORIS.



OSTST Meeting 9-12 November 2008

Programme

Sunday 9 November 2008

16:00 -19:00 Registration, upload presentations, and Welcome Cocktail

Monday 10 November 2008

08:30 - 10:00	**Welcoming remarks and Program Status -** Chair: S. Coutin-Faye (CNES) ◎ Athena Auditorium	
08:30	Welcoming remarks	S. Coutin-Faye (CNES)
08:45	NASA Program	E. Lindstrom (NASA)
09:00	EUMETSAT and NOAA Programs including JASON-2 Follow-On topic	F. Parisot (EUMETSAT) and S. Wilson (NOAA)
09:30	CNES Program	E. Thouvenot (CNES)
09:45	ESA Program	J. Benveniste (ESA)
10:00 - 10:30	**Keynote talk I:** Paper on the benefit of OGDRs products - review of applications **H. Bonekamp (EUMETSAT) and J. Lillibridge (NOAA)**	
10:30 - 11:00	**Coffee break**	
11:00 - 12:30	**Jason1/2 project and program status -** Chair: J. Lambin	
11:00	Jason2 mission overview • including data product status and plan • basic error budget (with regards to the performance key point of Oct 07)	J. Perbos et al. (CNES)
11:30	Jason1 mission overview • including new orbit plan	G. Shirtliffe et al. (JPL)
11:50	Topex reprocessing	P. Callahan et al. (JPL)
12:05	**Posters / splinter sessions presentations** (note that there will be a dedicated poster session for tides/HF but no splinter)	
12:30 - 14:00	**Lunch**	
14:00 - 15:30	**Keynote talks II - Chair: L.-L. Fu (JPL)**	
14:00	Sea level and climate change	A. Cazenave (CNES)
14:25	Coastal altimetry: status and challenges	T. Strub (OREGON STATE UNIVERSITY)
14:50	Land hydrology	C. Birkett (UNIVERSITY OF MARYLAND)
15:15	Outreach Argonautica project (short presentation performed by 2 schools)	D. de Staerke (CNES)
15:30 - 16:00	**Coffee break**	
	Splinter sessions I	
	◎ Room 1	◎ Room 2
16:00 - 17:45	**Session B** **Precision orbit determination and geoid (GDR_D standard...)** Chairs: J. Ries (U. Texas), J.-P. Berthias (CNES)	**Session A** **Local and global calibration/validation (mostly in situ)** Chairs: B. Haines (JPL), P. Bonnefond (OCA), S. Desai (JPL), S. Nerem (U. of Colorado), N. Picot (CNES)
17:45	Adjourn	
18:30	**Welcome Cocktail offered by the Nice Town Hall** ◎ Agora 2 (Acropolis)	

Tuesday 11 November 2008		
	Splinter sessions II	
	◎ Room 1	◎ Room 2
08:30 - 10:30	**Session B** **Precision orbit determination and geoid**	**Session C** **Local and global calibration/validation** (mostly global)
10:30 - 11:00	**Coffee break**	
	Splinter sessions III	
	◎ Room 1	◎ Room 2
11:00 - 12:30	**Session E** **Outreach/education** Chairs: M. Srinivasan (JPL), V. Rosmorduc (CLS)	**Session D** **Instrument processing (re-tracking, radiometer retrieval, …)** Chairs: J. Lambin (CNES), P. Callahan (JPL), S. Brown (JPL)
12:30 - 14:00	**Lunch**	
	Splinter sessions IV	
	◎ Room 1	◎ Room 2
14:00 - 16:00	**Session G** **Operational applications, coastal and inland waters, wind/waves and associated Cal/Val studies** Chairs: C. Birkett (U. of Maryland), E. Bronner (CNES), H. Bonekamp (EUMETSAT)	**Session F** **Cal/Val: multi mission data consistency and seamless transition for the TOPEX-Jason series of products** Chairs: G. Jacobs (NRL), S. Nerem (U. of Colorado), N. Picot (CNES)
16:00 - 19:30	**Poster session** (and splinter chairman's meeting to prepare the sessions summaries)	
16:00 - 16:30	**Coffee break (in parallel with poster session)**	
17:45 - 18:30	**Tribute to Yves Menard** ◎ Athena Auditorium	
18:30	**Ice Breaker (in parallel with poster session)**	

Wednesday 12 November 2008	
08:30 - 09:30	**Plenary session on "Error budgets in altimetry data products"** ◎ Athena Auditorium Chair: R. Ponte (AER)
09:30 - 10:30	**Splinter sessions summary -** Chair: J. Lambin (CNES) ◎ Athena Auditorium including feedbacks from PISA Coastal Altimetry workshop (splinter chairs and P. Cipollini, NOC)
10:30 - 11:00	**Coffee break**
11:00 - 11:30	**Splinter sessions summary (cont') -** Chair: L.-L. Fu (JPL) ◎ Athena Auditorium
11:30	**Meeting conclusion:** ◎ Athena Auditorium • **The readiness of OGDR - H. Bonekamp and J. Lillibridge** • **Meeting wrap-up - J. Lambin and L-L. Fu**
12:30	Adjourn
12:30 - 14:00	**Lunch**

18:30	**Pick up at venue - bus to Gala Dinner in Monaco**
19:30 - 23:30	**Gala Dinner in Monaco**

Session A - Local and global calibration/validation (mostly in situ)

SA.1 - 006 **Satellite data versus in situ data in Drake Passage**
BARRE Nicolas, PROVOST Christine, LOCEAN, FRANCE

SA.2 - 014 **RECENT DEVELOPMENTS IN CAL/VAL ACTIVITES SUPPORTING SATELLITE ALTIMETRY IN THE CASPIAN SEA**
MAMEDOV Ramiz, INSTITUTE OF GEOGRAPHY, AZERBAIJAN
CRETAUX Jean-François, LEGOS CNRS/CNES/IRD/UPS, FRANCE
VIGNUDELLI Stefano, CONSIGLIO NAZIONALE DELLE RICERCHE, ITALY
CALMANT Stéphane, LEGOS/IRD, BRAZIL
TESTUT Laurent, LYARD FLORENT, LEGOS / CNRS, FRANCE
CALZAS Michel, INSTITUT NATIONAL DES SCIENCES DE L'UNIVERS, FRANCE
ALYEV Amir, MARINE HYDROMETEOROLOGY CENTRE, AZERBAIJAN
KOSTIANOY Andrey, P.P. SHIRSHOV INSTITUTE OF OCEANOLOGY, RUSSIA

SA.3 - 029 **RESULTS FROM THE EASTERN MEDITERRANEAN ALTIMETER CALIBRATION NETWORK - eMACnet**
PAVLIS Erricos C., Univ. of Maryland, Baltimore County & NASA Goddard, USA

SA.4 - 044 **IN-SITU CALIBRATION AT THE BASS STRAIT SITE, AUSTRALIA**
WATSON Christopher, UNIVERSITY OF TASMANIA, AUSTRALIA
WHITE Neil, CSIRO MARINE AND ATMOSPHERIC RESEARCH, AUSTRALIA
ZHANG Jason, THE AUSTRALIAN NATIONAL UNIVERSITY, AUSTRALIA
COLEMAN Richard, UNIVERSITY OF TASMANIA, AUSTRALIA
TREGONING Paul, THE AUSTRALIAN NATIONAL UNIVERSITY, AUSTRALIA
CHURCH John, CSIRO MARINE AND ATMOSPHERIC RESEARCH, AUSTRALIA

SA.5 - 049 **ABSOLUTE CALIBRATION OF TOPEX/POSEIDON, JASON-1 AND JASON-2 ALTIMETERS IN CORSICA**
BONNEFOND Pascal, EXERTIER Pierre, LAURAIN Olivier, PIERRON Francis, OBSERVATOIRE DE LA CÔTE D'AZUR, FRANCE
MÉNARD Yves, LEGOS / CNES, FRANCE
JAN Gwénaële, NOVELTIS, FRANCE

SA.6 - 054 **BASS STRAIT IN-SITU CALIBRATION SITE: TRIALS OF THE FRENCH TRANSPORTABLE LASER RANGING SYSTEM (FTLRS)**
ZHANG Jason, THE AUSTRALIAN NATIONAL UNIVERSITY, AUSTRALIA
WATSON Christopher, UNIVERSITY OF TASMANIA, AUSTRALIA
PIERRON Francis, OBSERVATOIRE DE LA COTE D'AZUR, FRANCE
COLEMAN Richard, UNIVERSITY OF TASMANIA, AUSTRALIA
TREGONING Paul, THE AUSTRALIAN NATIONAL UNIVERSITY, AUSTRALIA

SA.7 - 057 **High rate GPS positioning, JASON altimetry and marine gravimetry - Monitoring the Antarctic Circumpolar Current (ACC) through the DRAKE campaigns**
MELACHROINOS Stavros, CNES, FRANCE

SA.8 - 061 **PERFORMING GLIDER MISSIONS ALONG ALTIMETER TRACKS: WHAT CAN WE LEARN?**
PASCUAL Ananda, IMEDEA (CSIC-UIB), SPAIN

SA.9 - 083 **RECENT RESULTS FOR THE ESTIMATION OF THE ALTIMETER BIAS FOR THE JASON SATELLITES USING GAVDOS**
MERTIKAS Stelios, PAPADOPOULOS Athanasios, FRANTZIS Xenofon, TRIPOLITSIOTIS Achilles, TECHNICAL UNIVERSITY OF CRETE, GREECE

SA.10 - 084 **CGPS AT IBIZA, L'ESTARTIT AND BARCELONA HARBOURS FOR SEA LEVEL MONITORING AND ALTIMETER CALIBRATION**
MARTINEZ-BENJAMIN Juan Jose, TECHNICAL UNIVERSITY OF CATALONIA, SPAIN
ORTIZ CASTELLON Miquel Angel, CARTOGRAPHIC INSTITUTE OF CATALONIA, SPAIN
PEREZ GOMEZ Begoña, PUERTOS DEL ESTADO, SPAIN
MARTINEZ-GARCIA Marina, TECHNICAL UNIVERSITY OF CATALONIA, SPAIN
RODRIGUEZ VELASCO Gema, UNIVERSIDAD COMPLUTENSE DE MADRID, SPAIN

SA.11 - 115 **ASSESSMENT OF GLOBAL MEAN SEA LEVEL FROM ALTIMETERS FROM CROSS-CALIBRATION WITH IN-SITU MEASUREMENTS**
VALLADEAU Guillaume, ABLAIN Michael, GUINEHUT Stéphanie, LEFEVRE Fabien, CLS, FRANCE
PICOT Nicolas, CNES, FRANCE

SA.12 - 147 **The Harvest Experiment: Calibration of the Climate Data Record from TOPEX/POSEIDON, Jason-1 and OSTM/Jason-2**
HAINES Bruce, JPL, Caif. Inst. of Tech., USA
DESAI Shailen, JPL, USA
BORN George, UNIVERSITY OF COLORADO, USA
GILL Stephen, NOAA, USA

SA.13 - 149 **COMPARISON OF IMPROVED ALTIMETER COASTAL SEA SURFACE HEIGHTS TO TIDE GAUGE DATA**
FENOGLIO-MARC Luciana, FEHLAU Maraike, BECHER Matthias, TECHNICAL UNIVERSITY DARMSTADT, GERMANY
BOUFFARD Jérôme, LEGOS, FRANCE
VIGNUDELLI Stefano, CONSIGLIO NAZIONALE DELLE RICERCHE, BIOFISICA, France

Session B - POD/geoid

SB.1 - 022 **JASON-2 NRT POD based on GRAS GSN**
ANDRES Yago, RIGHETTI Pier Luigi, SOERENSEN Anders, EUMETSAT, GERMANY

SB.2 - 032 **EIGEN-5C - the new GeoForschungsZentrum Potsdam / Groupe de Recherche de Géodésie Spatiale combined gravity field model**
FOERSTE Christoph, HELMHOLTZ CENTRE POTSDAM GFZ, GERMANY

SB.3 - 034 **ICGEM THE INTERNATIONAL CENTRE FOR GLOBAL EARTH MODELS**
BARTHELMES Franz, KÖHLER Wolfgang, KUSCHE Jürgen, HELMHOLTZ CENTRE POTSDAM GFZ, GERMANY

SB.4 - 042 **Sub-centimeter SLR precision with the SLRF2005/LPOD2005 network**
ZELENSKY Nikita, NASA GSFC / SGT, USA
LEMOINE Frank, ROWLANDS David, LUTHCKE Scott, NASA GSFC / NASA GSFC, USA
CHINN Douglas, NASA GSFC /SGT, USA
BEALL Jennifer, NASA GSFC / RAYTHEON, USA
BECKLEY Brian, KLOSKO Steven, NASA GSFC / SGT, USA
WILLIS Pascal, INSTITUT DE PHYSIQUE DU GLOBE DE PARIS, FRANCE
LUCERI Vincenza, ITALIAN SPACE AGENCY (ASI) / E-GEOS S.P.A., ITALY

SB.5 - 043 **Calibration and Validation of the Precise Orbits for the OSTM - Extending the TOPEX, Jason-1 and Jason-2 Climate Data Record for MSL Studies**
LEMOINE Frank, NASA GODDARD SPACE FLIGHT CENTER, USA
ZELENSKY Nikita, SGT-INC., USA
ROWLANDS David, LUTHCKE Scott, NASA GODDARD SPACE FLIGHT CENTER, USA
PENNINGTON Terry, CHINN Doug, BECKLEY Brian, SGT-INC., USA
ZIEBART Marek, SIBTHORPE Anthony, UNIVERSITY COLLEGE, LONDON, UK
WILLIS Pascal, INSTITUT DE PHYSIQUE DU GLOBE DE PARIS, FRANCE
LUCERI Vincenza, E-GEOS S.P.A, ITALY

SB.6 - 047 **DORIS / Jason-2: less than 10cm centimeters orbits soon available for Near-Real-Time Altimetry**
JAYLES Christian, BESSON Bruno, AURIOL Albert, CNES, FRANCE
CHAUVEAU Jean-Pierre, ROZO Fabien, COFRAMI-AKKA, FRANCE

SB.7 - 051 **VALIDATION ACTIVITIES FOR JASON-1, JASON-2 AND TOPEX/POSEIDON ORBITS**
BONNEFOND Pascal, EXERTIER Pierre, LAURAIN Olivier, PIERRON Francis, OBSERVATOIRE DE LA CÔTE D'AZUR, FRANCE

SB.8 - 097 **Zero-difference ambiguity fixing for spaceborne GPS receivers**
LAURICHESSE Denis, MERCIER Flavien, BERTHIAS Jean-Paul, CERRI Luca, BROCA Patrick, CNES, FRANCE

SB.9 - 098 **Time Transfer by Laser Link (T2L2), First Results**
EXERTIER Pierre, OCA - GRGS, FRANCE
BONNEFOND Pascal, UNS, OCA, CNRS, FRANCE

SB.10 - 112 **Assessment of JASON-2 orbit quality using SSH cross-calibration with Jason-1 and Envisat**
PUJOL Marie-Isabelle, ABLAIN Michael, PHILIPPS Sabine, PICOT Nicolas, CNES, FRANCE

SB.11 - 122 **GDR-C STANDARDS FOR JASON-1 PRECISE ORBITS**
CERRI Luca, PERRACHON Pascal, HOURY Sabine, MERCIER Flavien, BERTHIAS Jean Paul, CNES, FRANCE

SB.12 - 130 **Use of oceanographic in-situ measurements and altimetry to assess the accuracy of the latest geoid models**
RIO Marie-Hélène, SCHAEFFER Philippe, CLS, FRANCE
LALANCETTE Marie-Françoise, SHOM, FRANCE

SB.13 - 138 **GPS processing for Jason 2**
MERCIER Flavien, PARRACHON Pascal, CERRI Luca, CNES, FRANCE

SB.14 - 140 **JASON-2 PRECISION ORBIT DETERMINATION, STATUS**
BERTIGER Willy, HAINES Bruce, DESAI Shailen, KUANG Da, LANE Chris, JPL, USA
SIBOIS Aurore, UNIV. COLORADO, USA
WEISS Jan, JPL, USA

SB.15 - 146 **A NEW GLOBAL SATELLITE-ONLY GRACE-BASED MDT AND DERIVED MEAN CURRENTS, RECIRCULATIONS, AND SUBGYRES**
VIANNA Marcio, MENEZES Viviane, VM OCEANICA, BRAZIL

Session C - Local and global calibration/validation (mostly global)

SC.1 - 055 **REGIONAL CAL/VAL AND ALTIMETRY ACTIVITIES AT THE CENTRE DE TOPOGRAPHIE DES OCEANS ET DE L'HYDROSPHERE (CTOH)**
BIROL Florence, LEGOS CNRS/CNES/IRD/UPS, FRANCE

SC.2 - 094 **REPORT ON USE OF JASON-2 IGDR IN THE AUSTRALIAN MULTI-MISSION SEA LEVEL ANALYSIS SYSTEM**
GRIFFIN David, CAHILL Madeleine, MANSBRIDGE Jim, CENTRE FOR AUSTRALIAN WEATHER AND CLIMATE RESEARCH, AUSTRALIA

SC.3 - 102 **CONSISTENCY BETWEEN JASON-2/JASON-1 DATA AND 2008 IMPROVEMENT ON THE CALVAL PROCESSING SOFTWARE**
JAN Gwenaële, BURRILLON Elodie, NOVELTIS, FRANCE
BONNEFOND Pascal, LAURAIN Olivier, OCA, FRANCE

SC.4 - 111 **Multi-mission crossover calibration - first results for JASON-2**
DETTMERING Denise, BOSCH Wolfgang, DEUTSCHES GEODÄTISCHES FORSCHUNGSINSTITUT (DGFI), GERMANY

SC.5 - 113 **STATISTICAL QUALITY ASSESSMENT OF JASON-1 GDR VERSION C**
COMMIEN Ludivine, PHILIPPS Sabine, ABLAIN Michael, CLS, FRANCE
PICOT Nicolas, CNES, FRANCE

SC.6 - 119 **Jason-2 / Envisat Cross-calibration**
OLLIVIER Annabelle, FAUGERE Yannice, CLS, FRANCE
PICOT Nicolas, CNES, FRANCE

SC.7 - 120 **CROSS-CALIBRATION OF JASON-1 AND JASON-2 SEA SURFACE HEIGHT**
CHAMBERS Don, THE UNIVERSITY OF TEXAS AT AUSTIN, USA
NEREM R. Steven, UNIVERSITY OF COLORADO, USA

SC.8 - 121 **Jason-1 / Envisat Cross-calibration**
FAUGERE Yannice, OLLIVIER Annabelle, CLS, FRANCE
PICOT Nicolas, CNES, FRANCE

SC.9 - 148 **Global cross calibration and validation of the Jason-1 and Jason-2/OSTM data products.**
DESAI Shailen, HAINES Bruce, DECARVALHO Robert, JET PROPULSION LABORATORY, USA

SC.10 - 110a **Global Statistical Jason-2 assessment and cross-calibration with Jason-1**
ABLAIN Mickaël, PHILIPPS Sabine, THIBAUT Pierre, CLS, France
PICOT Nicolas, CNES, FRANCE

SC.11 - 110b **Global Statistical Jason-2 assessment and cross-calibration with Jason-1**
ABLAIN Mickaël, PHILIPPS Sabine, THIBAUT Pierre, CLS, France
PICOT Nicolas, CNES, France

SC.12 - 018 **Initial On-orbit Performance Assessment of the Advanced Microwave Radiometer and Performance Assessment of the JMR GDR-C Calibration**
BROWN Shannon, JPL / CALTECH, USA
DESAI Shailen, JPL, HAINES Bruce, JPL, USA

Session D - Instrument processing

SD.1 - 004 **ESTIMATION OF IONOSPHERIC EFFECT ON THE ALTIMETRIC MEASUREMENTS BY GPS SIGNAL PROCESSING**
RAMI Ali, NATIONAL CENTRE OF SPACE TECHNIQUES, ALGERIA

SD.2 - 005 **ESTIMATION OF THE GEOPHYSICAL PARAMETERS EFFECT ON THE ALTIMETRIC MEASUREMENTS FOR SEA LEVEL DETERMINATION**
RAMI Ali, NATIONAL CENTRE OF SPACE TECHNIQUES, ALGERIA

SD.3 - 021 **ICEBERG DETECTION IN OPEN WATER BY ALTIMETER WAVEFORM ANALYSIS**
TOURNADRE Jean, WHITMER Kirk, GIRARD-ARDHUIN Fanny, IFREMER, FRANCE

SD.4 - 023 **Sea State Bias in Satellite Radar Altimetry - Revisited**
HAUSMAN Jessica, ZLOTNICKI Victor, JPL - NASA, USA

SD.5 - 062 **Developing a spline-based nonparametric estimator for the altimeter sea state bias (SSB) problem**
FENG Hui, YAO Shan, MATH DEPT, LI LINYUAN, MATH DEPARTMENT, UNIVERSITY OF NEW HAMPSHIRE, USA
TRAN Ngan, LABROUE Sylvie, CLS/SPACE OCEANOGRAPHY DIVISION, FRANCE
VANDERMARK Doug, UNIVERSITY OF NEW HAMPSHIRE, USA

SD.6 - 063 **Altimetry and operational wind-wave prediction - combined use to enhance both systems**
VANDEMARK Douglas, UNIVERSITY OF NEW HAMPSHIRE, USA
ARDHUIN Fabrice, HYDROGRAPHIC AND OCEANOGRAPHIC SERVICE, FRANCE
BECKLEY Brian, SGT INC, USA
FENG Hui, UNH/OPAL, USA
TRAN Ngan, CLS, FRANCE

SD.7 - 066 **UPDATE ON JASON-1 SEA STATE BIAS MODELING FROM COMBINATION OF WAVE MODEL AND SATELLITE DATA**
TRAN Ngan, CLS/SPACE OCEANOGRAPHY DIVISION, FRANCE
VANDEMARK Doug, UNIVERSITY OF NEW HAMPSHIRE, USA
LABROUE Sylvie, CLS/SPACE OCEANOGRAPHY DIVISION, FRANCE
FENG Hui, UNIVERSITY OF NEW HAMPSHIRE, USA
CHAPRON Bertrand, IFREMER, FRANCE
LAMBIN Juliette, PICOT Nicolas, CNES, FRANCE

SD.8 - 068 **VALIDATION OF ENVISAT RAIN DETECTION AND RAIN RATE ESTIMATES BY COMPARING WITH TRMM DATA**
TRAN Ngan, CLS/SPACE OCEANOGRAPHY DIVISION, FRANCE
TOURNADRE Jean, IFREMER, FRANCE
FÉMÉNIAS Pierre, ESA/ESRIN, ITALY

SD.9 - 085 **Method to decontaminate the radiometer wet tropospheric correction in coastal zones**
SCHARROO Remko, ALTIMETRICS LLC, USA
OBLIGIS Estelle, PICARD Bruno, DESPORTES Charles, CLS, FRANCE

SD.10 - 090 **Monte Carlo Simulation of Altimeter Pulse Returns and Electromagnetic Bias**
NAENNA Praphun, JOHNSON Joel, SHUM C.K., THE OHIO STATE UNIVERSITY, USA

SD.11 - 099 **THE ALTIMETRIC WET TROPOSPHERIC CORRECTION: WHAT WE HAVE LEARNT AND WHAT ARE THE REMAINING ISSUES?**
OBLIGIS Estelle-Anne, CLS, FRANCE

SD.12 - 106 **REVISITING THE OCEANIC VARIABILITY IMPACT FOR SEA STATE BIAS EMPIRICAL ESTIMATION**
LABROUE Sylvie, CLS, FRANCE

SD.13 - 125 **CORRECTING JASON-2 σ^0 VALUES FOR RETRACKER EFFECTS**
QUARTLY Graham, NATIONAL OCEANOGRAPHY CENTRE, SOUTHAMPTON, UK

SD.14 - 126 **IMPROVING RAIN-FLAGGING FOR JASON-2**
QUARTLY Graham, NATIONAL OCEANOGRAPHY CENTRE, SOUTHAMPTON, UK

SD.15 - 136 **Novel Near-Land Radiometer Wet Path Delay Retrieval Algorithm: Application to the Advanced Microwave Radiometer**
BROWN Shannon, JPL / CalTech, USA

SD.16 - 160 **Target tracking, correlated noise, and precision in satellite altimetry**
SMITH Walter H. F., NOAA LAB FOR SATELLITE ALTIMETRY, USA
SANDWELL David T., SCRIPPS INSTITUTION OF OCEANOGRAPHY / UCSD, USA

SD.17 - 161 **A new GPS-based climatology for the total electron content in the ionosphere**
SCHARROO Remko, ALTIMETRICS LLC, USA
SMITH Walter H. F., LILLIBRIDGE John, NOAA LAB FOR SATELLITE ALTIMETRY, USA

SD.18 - 020 **CLOUD AND RAIN EFFECT ON ALTIKA/SARAL KA BAND RADAR ALTIMETER: DATA AVAILABILITY AND RAIN/CLOUD FLAG**
TOURNADRE Jean, IFREMER, FRANCE
LAMBIN Juliette, STEUNOU Nathalie, CNES, France

Session E - Outreach/Education

SE.1 - 007 **Basic Radar Altimetry Toolbox and Tutorial**
ROSMORDUC Vinca, CLS, FRANCE

SE.2 - 010 **Altimetry data: what do YOU want?**
ROSMORDUC Vinca, CLS, FRANCE
FAUGÈRE Yannice, CLS SPACE OCEANOGRAPHY DIVISION, FRANCE

SE.3 - 016 **SEA LEVEL FROM SPACE: AN UPDATE ON APPLICATIONS OF OCEAN ALTIMETRY DATA**
SRINIVASAN Margaret, CALTECH/JET PROPULSION LABORATORY, USA
LEBEN Robert, UNIVERSITY OF COLORADO, USA

SE.4 - 137 **NOAA ARCHIVE SERVICES FOR JASON-2/OSTM**
CASEY Kenneth, NOAA NATIONAL OCEANOGRAPHIC DATA CENTER, USA
LILLIBRIDGE John, NOAA LAB FOR SATELLITE ALTIMETRY, USA
THROWE Jeremy, 3DB CONSULTING GROUP (DB), USA

Session F - Cal/Val: multi mission data consistency and seamless transition for the TOPEX-Jason series of products

SF.1 - 012 **Aviso altimetry products: select your choice!**
LAURET Olivier, CLS SPACE OCEANOGRAPHY DIVISION, FRANCE
ROSMORDUC Vinca, BLANC Frédérique, CLS, FRANCE

SF.2 - 059 **OBSERVATORY AND RESEARCH ON EXTREME PHENOMENA OVER THE OCEANS (ORPHEO)**
QUILFEN Yves, CHAPRON Bertrand, IFREMER, FRANCE
COLLARD Fabrice, CLS, FRANCE
PIOLLE Jean François, TOURNADRE Jean, IFREMER, FRANCE

SF.3 - 064 **Extending the Sea Surface Height Climate Data Record with OSTM Data**
BECKLEY Brian, SGT, Inc., USA

SF.4 - 070 **Design of future altimeter missions: development and use of an end-to-end mission simulator**
LOMBARD Alix, CNES, FRANCE
LAMOUROUX Julien, NOVELTIS, FRANCE
ROBLOU Laurent, LEGOS-POC, FRANCE
LAMBIN Juliette, CNES, FRANCE
DE MEY Pierre, LYARD Florent, LEGOS-POC, FRANCE
JEANSOU Eric, NOVELTIS, FRANCE

SF.5 - 079 **AltiKa: a new concept of radar altimeter for the SARAL mission**
STEUNOU Nathalie, SENGENES Pierre, CNES, FRANCE

SF.6 - 095 **JASON-(2)/(1) SEA SURFACE HEIGHTS BIAS: CONSISTENCY AND CONTINUITY BETWEEN GDR VERSIONS AND MISSIONS**
JAN Gwenaële, BURRILLON Elodie, NOVELTIS, FRANCE
BONNEFOND Pascal, LAURAIN Olivier, OCA, FRANCE

SF.7 - 116 **GFO : contribution to multi-satellite applications and statistical performance assessment**
PUJOL Marie-Isabelle, DIBARBOURE Gerald, CLS, FRANCE
PICOT Nicolas, CNES, FRANCE

SF.8 - 127 **PREPARING THE NEW GENERATION OF ALTIMETRY PRODUCTS FOR OPEN OCEAN**
FAUGERE Yannice, RIO Marie-Helene, CLS, FRANCE
LUX Muriel, NOVELTIS, FRANCE
PICOT Nicolas, CNES, FRANCE

SF.9 - 163 **TOWARDS A JASON OPTIMISED TANDEM MISSION?**
DORANDEU Joël, DIBARBOURE Gérald, CLS, FRANCE
LOMBARD Alix, CNES, FRANCE

SF.10 - 171 **SSALTO/DUACS system: last improvments and changes**
PUJOL Marie-Isabelle, CLS/SPACE OCEANOGRAPHY DIVISION, FRANCE
DIBARBOURE Gerald, CLS, FRANCE
PICOT Nicolas, CNES, FRANCE

Session G - Operational applications, coastal and inland waters, wind/waves and associated Cal/Val studies

SG.1 - 013 **ALTICORE - A COLLABORATIVE EXPERIENCE IN EXPLORING COASTAL ALTIMETRY IN MEDITERRANEAN, CASPIAN, WHITE AND BARENTS SEAS**
VIGNUDELLI Stephano, CONSIGLIO NAZIONALE DELLE RICERCHE, ITALY
SNAITH Helen M., CIPOLLINI Paolo, VENUTI Fabio, NATIONAL OCEANOGRAPHY CENTRE, UK
LYARD Florent, LEGOS / CNRS, FRANCE
CRETAUX Jean-François, LEGOS CNRS/CNES/IRD/UPS, FRANCE
BOUFFARD Jérôme, ROBLOU Laurent, LEGOS / CNRS, FRANCE
KOSTIANOY Andrey, GINZBURG Anna, SHEREMET Nikolay, KUZMINA Elena, P.P. SHIRSHOV INSTITUTE OF OCEANOLOGY, RUSSIA
LEBEDEV Sergey, SIROTA Alexander, MEDVEDEV Dimitry, KHLEBNIKOVA Svetlana, GEOPHYSICAL CENTER, RUSSIA
MAMEDOV RAMIZ, ISMATOVA Khasiyat, INSTITUTE OF GEOGRAPHY, AZERBAIJAN
ALYEV Amir, MARINE HYDROMETEOROLOGY CENTRE, AZERBAIJAN
NABIYEV Tural, INSTITUTE OF GEOGRAPHY, AZERBAIJAN

SG.2 - 024 **On monitoring the coastal dynamics through an integrated approach (MARINA PROJECT)**
ROBLOU Laurent, LEGOS / UNIVERSITÉ DE TOULOUSE / CNRS, FRANCE
VIGNUDELLI Stefano, ISTITUTO DI BIOFISICA / CNR, ITALY
CIPOLLINI Paolo, NOCS, UK
LYARD Florent, LEGOS / UNIVERSITÉ DE TOULOUSE/ CNRS, FRANCE
LAMOUROUX Julien, NOVELTIS, FRANCE
ULSES Caroline, LA / UNIVERSITÉ DE TOULOUSE, FRANCE
DE MEY Pierre, LEGOS / UNIVERSITÉ DE TOULOUSE / CNRS, FRANCE
LE HENAFF Matthieu, BOUFFARD Jérôme, LEGOS, FRANCE
ESTOURNEL Claude, LA / UNIVERSITÉ DE TOULOUSE / CNRS, FRANCE

SG.3 - 027 **COASTAL ALTIMETER EVALUATION OF JASON-1 & JASON-2**
STRUB P. Ted, MATANO Ricardo, OREGON STATE UNIVERSITY, USA

SG.4 - 028 **ANALYSIS AND RETRACKING ALTIMETER COASTAL SEA WAVEFROM IN CHINA SEA AND NEIGHBOUR**
YANG Le, SOED, SECOND INSTITUTE OF OCEANOGRAPHY, CHINA
LIN Mingsen, NATIONAL SATELLITE OCEAN APPLICATION SERVICE, CHINA
PAN Delu, SOED, SECOND INSTITUTE OF OCEANOGRAPHY, CHINA

SG.5 - 038 **FOAM: FROM OCEAN TO INLAND WATERS ALTIMETRY MONITORING**
BONNEFOND Pascal, EXERTIER Pierre, LAURAIN Olivier, PIERRON Francis, OBSERVATOIRE DE LA CÔTE D'AZUR, FRANCE
MÉNARD Yves, LYARD Florent, LEGOS / CNRS, FRANCE
CALMANT Stéphane, LEGOS/IRD, BRAZIL
CRETAUX Jean-François, LEGOS / CNES, FRANCE
TESTUT Laurent, LEGOS, FRANCE
JAN Gwénaële, NOVELTIS, FRANCE
BALLU Valérie, IPGP / UMR 7154, FRANCE

SG.6 - 041 **THE WET TROPOSPHERIC CORRECTION FOR COASTAL ALTIMETRY BASED ON GNSS PATH DELAY MEASUREMENTS**
NUNES Alexandra, INSTITUTO POLITECNICO DO PORTO, PORTUGAL
FERNANDES M.J., LÁZARO C., PIRES N., BASTOS L., MENDES V.B., UNIVERSIDADE DE LISBOA, FACULDADE DE CIÊNCIAS, PORTUGAL

SG.7 - 056 **TOWARD COASTAL ALTIMETRY APPLICATIONS**
BIROL Florence, LEGOS CNRS/CNES/IRD/UPS, FRANCE
BOUFFARD Jérôme, ROBLOU Laurent, CANCET Mathilde, LYARD Florent, MORROW Rosemary, LEGOS, FRANCE

SG.8 - 067 **SEA-ICE AND SNOW FACIES CLASSIFICATION FROM ENVISAT DATA OVER THE ARCTIC REGION**
TRAN Ngan, CLS/SPACE OCEANOGRAPHY DIVISION, FRANCE
RÉMY Frédérique, LEGOS, FRANCE
GIRARD-ARDHUIN Fanny, IFREMER, FRANCE
FENG Hui, UNIVERSITY OF NEW HAMPSHIRE, USA
FÉMÉNIAS Pierre, ESA/ESRIN, ITALY

SG.9 - 104 **Operational satellite altimetry in shelf and coastal seas**
HØYER Jacob L, MADSEN Kristine S., DANISH METEOROLOGICAL INSTITUTE, DENMARK

SG.10 - 108 **Calibration and Validation of Jason-2 Significant Wave Heights**
RAY Richard, NASA GODDARD SPACE FLIGHT CENTER, USA

SG.11 - 128 **Improved JASON-2 Altimetry Products for Coastal Zones and Continental Waters (PISTACH Project)**
MERCIER Franck, CLS, FRANCE
PICOT Nicolas, LAMBIN Juliette, LOMBARD Alix, CNES, FRANCE
DIBARBOURE Gérald, DUFAU Claire, CARRERE Loren, THIBAUT Pierre, OBLIGIS Estelle, LABROUE Sylvie, ABLAIN Michaël, SICARD Philippe, CLS, FRANCE
CAZENAVE Anny, CNES/LEGOS, FRANCE
BOUFFARD Jérôme, LEGOS, FRANCE
SEYLER Frédérique, IRD, BRAZIL
KOSUTH Pascal, BERCHER Nicolas, CEMAGREF, FRANCE

SG.12 - 132 **Combining of Radar altimetry and MODIS for the monitoring of flood events: application to the Inner Niger delta**
BERGE-NGUYEN Muriel, CRETAUX Jean-François, CNES/LEGOS, FRANCE
CALMANT Stephane, LEGOS/IRD, BRAZIL

SG.13 - 133 **Lakes surface and level variations from satellite altimetry and remote sensing: towards an international lake data centre**
CRETAUX Jean-François, JELINSKI Wojtek, BERGE-NGUYEN Muriel, CNES/LEGOS, FRANCE
CALMANT Stephane, LEGOS/IRD, BRAZIL

SG.14 - 135 **Recent Improvements in the Processing of JASON-2 Altimetry Data and Products for Continental Waters (PISTACH Project)**
MERCIER Franck, THIBAUT Pierre, CARRERE Loren, CLS, FRANCE
PICOT Nicolas, CNES, FRANCE
CAZENAVE Anny, CNES/LEGOS, FRANCE
SEYLER Frédérique, IRD, BRAZIL
KOSUTH Pascal, CEMAGREF, FRANCE

SG.15 - 145 **Improving Sea Surface Height Measurements on the Jason-2/OSTM OGDRs using Near-Real-Time GPS-Based Orbits**
DESAI Shailen, HAINES Bruce, JET PROPULSION LABORATORY, USA

SG.16 - 158 **JASON-2/OSTM NEAR REAL-TIME PRODUCT VALIDATION AT NOAA**
LILLIBRIDGE John, NOAA LAB. FOR SATELLITE ALTIMETRY, USA
SCHARROO Remko, ALIMETRICS, LLC, USA
LEULIETTE Eric, NOAA LAB. FOR SATELLITE ALTIMETRY, USA
MITCHUM Gary, COLLEGE OF MARINE SCIENCE - UNIV. OF SOUTH FLORIDA, USA

SG.17 - 172 **Altimetric Wave Products for NOAA/NCEP**
VANDEMARK Douglas, UNIV. OF NEW HAMPSHIRE, USA
ZLOTNICKI V., CALLAHAN P., JPL, USA
FENG H., UNH/OPAL, USA
SIENKIEWICZ J., NOAA/NCEP, USA
TOLMAN H., NOAA/NCEP/EMC, USA
LILLIBRIDGE J., NOAA LAB FOR SATELLITE ALTIMETRY, USA

SG.18 - 162 **The Application of Multiple Satellite Radar Altimetry Data Sets to Inland Surface Water Projects**
BIRKETT Charon, UNIVERSITY OF MARYLAND, USA
REYNOLDS Curt, OFFICE OF GLOBAL ANALYSIS, USA
BECKLEY Brian, SGT, USA
BJERKLIE Dave, USGS, USA
RODELL Matt, NASA/GSFC, USANear Real Time Reservoir and Lake Operations

SG.19 - 114 **JASON-2 WIND AND WAVE PRODUCTS: MONITORING, VALIDATION AND ASSIMILATION**
ABDALLA Saleh, JANSSEN Peter, BIDLOT Jean-Raymond, ECWMF, UK

Session H - Error budgets in altimetry data products

SH.1 - 117 **TOWARDS A MORE ACCURATE PERFORMANCE ESTIMATION OF ALTIMETRY**
LEGEAIS Jean-François, DUFAU Claire, ABLAIN Michael, DIBARBOURE Gérald, CLS, FRANCE
PICOT Nicolas, CNES, FRANCE

SH.2 - 107 **ERROR ESTIMATION OF THE GLOBAL AND REGIONAL MEAN SEA LEVEL TRENDS FROM JASON-1 AND T/P ALTIMETRY DATA**
ABLAIN Michaël, GUINEHUT Stéphanie, CLS, FRANCE
CAZENAVE Anny, LEGOS, FRANCE
PICOT Nicolas, CNES, FRANCE

SH.3 - 154 **ERROR IN GRIDDED SEA SURFACE HEIGHT PRODUCTS**
KAPLAN Alexey, LDEO OF COLUMBIA UNIVERSITY, USA

Science Topic 3 - HF aliasing/tides

ST3.1 - 087 **ESTIMATING RAPID LARGE-SCALE VARIABILITY IN SEA LEVEL, WITH APPLICATION TO DEALIASING OF SATELLITE MISSIONS**
PONTE Rui, ATMOSPHERIC AND ENVIRONMENTAL RESEARCH, INC., USA
VINOGRADOV Sergey, HOFFMAN Ross, AER, INC., USA
CARRÈRE Loren, CLS, FRANCE

ST3.2 - 088 **On the Utilization of Satellite Sea Surface Height Over the Argentinean Continental Shelf**
SARACENO Martin, CENTRO DE INVESTIGACIONES DEL MAR Y DE LA ATMOSFER, ARGENTINA

ST3.3 - 100 **Quantifying aliased S2 tidal errors from multiple space-geodesy techniques, GPS and GRACE, over North West Australia**
MELACHROINOS Stavros, CNES , FRANCE

ST3.4 - 118 **Post-EPS altimeter mission orbit determination and tide aliasing**
CARRERE Loren, LEFEVRE Fabien, DORANDEU Joël, DIBARBOURE Gérald, CLS, FRANCE

ST3.5 - 123 **Regional tidal modelling and data assimilation in the Persian Gulf**
ROBLOU Laurent, LEGOS / UNIVERSITE DE TOULOUSE; CNRS, FRANCE
LYARD Florent, LEGOS / UNIVERSITÉ DE TOULOUSE; CNRS, FRANCE

ST3.6 - 131 **Assessment of the tidal errors in altimetry data analysis and numerical simulations for shelf and coastal seas**
LYARD Florent Henri, ROBLOU Laurent, LEGOS/CNRS, FRANCE

ST3.7 - 139 **ASSESSMENT OF REGIONAL BAROTROPIC MODELS TOWARD THE DE-ALIASING OF ALTIMETRY OVER COASTAL AND SHELF SEAS**
BOUFFARD Jérôme, ROBLOU Laurent, YARD Florent, BIROL Florence, MARALDI Claire, LEGOS, FRANCE
CARRERE Loren, CLS, FRANCE

ST3.8 - 143 **EOT08A - FIRST RESULTS OF AN EMPIRICAL OCEAN TIDE ANALYSIS FOR IMPROVING GRACE DE-ALIASING**
BOSCH Wolfgang, SAVCENKO Roman, DEUTSCHES GEODÄTISCHES FORSCHUNGSINSTITUT (DGFI), GERMANY
MAYER-GÜRR Torsten, INSTITUTE OF GEODESY AND GEOINFORMATION (IGG), GERMANY

ST3.9 - 153 **Assimilation of Altimetry Data for Nonlinear Shallow Water Tides: Quarter-diurnal tides of the Northwest European Shelf, and the Atlantic Ocean**
EGBERT Gary, EROFEEVA Svetlana, OREGON STATE UNIVERSITY, USA
RAY Richard, NASA GSFC / NASA GSFC, USA

ST3.10 - 170 **The Contribution of the Internal Tide to the Altimetry Error Budget**
ZARON Edward, PORTLAND STATE UNIVERSITY, USA
EGBERT Gary D., OREGON STATE UNIVERSITY, USA
RAY Richard D, NASA, USA

ST3.11 - 174 **Challenges in finding optimal future altimeter orbits to improve the monitoring of climate changes in the tropics**
PERIGAUD Claire, CALTECH / JPL, USA
ILLIG Serena, IRD-LEGOS, FRANCE
CASSOU Christophe, CNRS-CERFACS, FRANCE
DORANDEU Joel, CLS, FRANCE

Science Topic 6 - Multi-mission and operational applications

ST6.1 - 019 **SEA SURFACE HEIGHT VARIATIONS IN THE EQUATORIAL INDIAN OCEAN**
ALI M. M., NATIONAL REMOTE SENSING CENTRE, INDIA

ST6.2 - 124 **A PROPOSITION FOR AN ALTIMETRIC MISSION DEDICATED TO ACQUIRE A GLOBAL HIGH RESOLUTION OCEANIC GRAVITY FIELD**
LOUIS Gilles, CNRS/INSU, FRANCE
LEQUENTREC-LALANCETT Marie-Françoise, SHOM/HOM, FRANCE
GELI Louis, IFREMER, FRANCE
ROYER Jean-Yves, MAIA Marcia, IUEM/DOMAINES OCEANIQUES, FRANCE
ROUXEL Didier, SHOM/HOM, FRANCE

ST6.3 - 165 **EVALUATION OF MULTI-SATELLITE MAPPING CAPABILITIES FOR OPERATIONAL MESOSCALE MONITORING IN THE GULF OF MEXICO**
LEBEN Robert, HOFFMAN Nicholas G., HALL Cody A., COLORADO CENTER FOR ASTRODYNAMICS RESEARCH, USA

ST6.4 - 169 **An Hydrological Data Base of Time Water Levels on Rivers and Lakes from satellite altimetry**
GENNERO Marie-Claude, CNES, FRANCE
BARRY Nicolas, CRÉTAUX Jean-François, BERGÉ-NGUYEN M., CAZENAVE Anny, LEGOS, FRANCE

ST6.5 - 002 **RMS SSH Variability: An old statistic and a new examination**
JACOBS Gregg, HURLBURT Harley, NAVAL RESEARCH LAB, USA

Science Topic 7 - Ocean general circulation

ST7.1 - 003 **STRAIT AND INTER-OCEAN TRANSPORT ESTIMATION USING ALTIMETRY SSH AND GRAVIMETRY OBP**
SONG Y. Tony, JET PROPULSION LABORATORY, USA

ST7.2 - 011 **FORCED VERSUS INTRINSIC DECADAL VARIABILITY OF THE KUROSHIO EXTENSION SYSTEM: INSIGHTS FROM ALTIMETER MEASUREMENTS**
QIU Bo, UNIVERSITY OF HAWAII, USA

ST7.3 - 031 **OBSERVED VARIABILITY OF THE SOUTH ATLANTIC SUBTROPICAL GYRE**
GONI Gustavo, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, USA
BRINGAS Francis, DINEZIO Pedro, UNIVERSITY OF MIAMI/CIMAS, USA

ST7.4 - 037 **Interannual variability and decadal change of thermocline depth and upper-ocean heat content in the Indian Ocean**
HAN Weiqing, UNIVERSITY OF COLORADO, USA

ST7.5 - 040 **Enhancing synergies between satellite, in-situ, and numerical oceanography**
PENDUFF Thierry, CNRS- LEGI, FRANCE
JUZA Mélanie, CNES-INSU-LEGI, FRANCE
LECOINTRE Albanne, BRODEAU Laurent, BARNIER Bernard, MOLINES Jean-Marc, CNRS- LEGI, FRANCE
TREGUIER Anne-Marie, LPO, FRANCE
MADEC Gurvan, LOCEAN-IPSL, FRANCE

ST7.6 - 052 **DYNAMIC STUDY OF OCEAN STRIATIONS FROM PERSPECTIVE OF SATELLITE ALTIMETRY**
MAXIMENKO Nikolai, MELNICHENKO Oleg, IPRC/SOEST, UNIVERSITY OF HAWAII, USA
SCHNEIDER Niklas, IPRC/SOEST, UNIVERSITY OF HAWAII, USA
DI LORENZO Emanuele, GEORGIA INSTITUTE OF TECHNOLOGY, USA
NIILER Peter, SCRIPPS INSTITUTION OF OCEANOGRAPHY, USA
HAFNER Jan, IPRC/SOEST, UNIVERSITY OF HAWAII, USA
COMBES Vincent, GEORGIA INSTITUTE OF TECHNOLOGY, USA
SASAKI Hideharu, EARTH SIMULATOR CENTER, JAMSTEC, JAPAN

ST7.7 - 053 **NORTH ATLANTIC VARIABILITY FROM OCEAN SIMULATIONS WITH AND WITHOUT IN-SITU/SATELLITE DATA ASSIMILATION**
PENDUFF Thierry, BARNIER Bernard, CNRS- LEGI, FRANCE
GREINER Eric, MERCATOR-OCEAN, FRANCE
SMITH Greg, ESSC, UNIVERSITY OF READING, UK

ST7.8 - 058 **QUASI-STATIONARY STRIATIONS IN BASIN-SCALE OCEANIC CIRCULATION: OBSERVATIONS AND A MODEL HINDCAST**
MELNICHENKO Oleg, MAXIMENKO Nikolai, IPRC/SOEST, UNIVERSITY OF HAWAII, USA
SASAKI Hideharu, EARTH SIMULATOR CENTER, JAMSTEC, JAPAN

ST7.9 - 078 **Altimeter data and ECCO2 ocean state estimates to study Antarctic Circumpolar Current Fronts and formation of Antarctic Intermediate Water**
ZLOTNICKI Victor, MENEMENLIS Dimitris, JET PROPULSION LABORATORY, USA
SCHODLOK Michael, JET PROPULSION LABOR, USA

ST7.10 - 081 **Long Term Trend Components in Sea Level from Tide Gauge and Satellite Altimetry Records**
TESTUT Laurent, POUVREAU Nicolas, LEGOS, FRANCE
WOPPELMANN Guy, LIENSS, FRANCE
BIROL Florence, LEGOS, FRANCE
KARPITCHEV Micha, LIENSS, FRANCE

ST7.11 - 089 **Long-term variation in the anticyclonic ocean circulation over the Zapiola Rise as observed by satellite altimetry: evidence of possible collapses**
SARACENO Martin, CENTRO DE INVESTIGACIONES DEL MAR Y DE LA ATMOSFER, ARGENTINA
PROVOST Christine, LOCEAN-IPSL, FRANCE
ZAJACZKOVSKI Uriel, SERVICIO DE HIDROGRAFIA, ARGENTINA

ST7.12 - 093 **The time series of the Leeuwin Current transport from satellite altimeter measurements**
DENG Xiaoli, THE UNIVERSITY OF NEWCASTLE, AUSTRALIA
RIDGWAY Ken, CSIRO MARINE AND ATMOSPHERIC RESEARCH, AUSTRALIA
COLEMAN Richard, UNIVERSITY OF TASMANIA, AUSTRALIA

ST7.13 - 141 **A PROFILE APPROACH FOR ESTIMATING THE ABSOLUTE DYNAMIC OCEAN TOPOGRAPHY**
BOSCH Wolfgang, SAVCENKO Roman, DEUTSCHES GEODÄTISCHES FORSCHUNGSINSTITUT (DGFI), GERMANY

ST7.14 - 167 **Assimilation of Earth Rotation Parameters into an OGCM**
SAYNISCH Jan, WENZEL Manfred, ALFRED WEGENER INSTITUTE, GERMANY
SCHRÖTER Jens, ALFRED-WEGENER-INSTITUTE FOR POLAR AND MARINE RESE, GERMANY

ST7.15 - 168 **IMPROVING OPERATIONAL WAVE MODELLING FROM SATELLITE MEASUREMENTS**
LEFEVRE Jean-Michel, METEO FRANCE, FRANCE
QUEFFEULOU Pierre, IFREMER, FRANCE
AOUF Lotfi, LE ROY Pierre, METEO FRANCE, FRANCE
BENTAMY Abderrahim, QUILFEN Yves, IFREMER, FRANCE

Science Topic 8 - Ocean mesoscale processes

ST8.1 - 017 **Oceanic mesoscale eddies as revealed by Lagrangian coherent structures**
BERON-VERA Francisco, OLASCOAGA Maria, RSMAS/UNIVERSITY OF MIAMI, USA
GONI Gustavo, AOML/NOAA, USA

ST8.2 - 033 **A climatology of surface filaments derived from altimetry**
D'OVIDIO Francesco, LÉVY Marina, MADEC Gurvan, LOCEAN-IPSL, FRANCE

ST8.3 - 069 **SARAL/AltiKa: a Ka-band altimetry satellite in tandem with JASON-2**
VERRON Jacques, LEGI, FRANCE

ST8.4 - 072 **EDDY VARIABILITY, TRANSPORT, DIFFUSION AND MIXING IN THE SOUTHERN OCEAN IN RELATION TO CLIMATE VARIATIONS**
MORROW Rosemary, KOCH-LARROUY Ariane, LEGOS/CNRS/OMP, FRANCE
SALLEE Jean-Baptiste, CSIRO MARINE AND ATMOSPHERIC RESEARCH, AUSTRALIA
D'OVIDIO Francesco, LOCEAN-IPSL, FRANCE

ST8.5 - 075 **Estimating the Wind Driven Velocity Structure of the California Current from Satellite Imagery and Altimetry**
EMERY William, DAX Matthews, UNIVERSITY OF COLORADO AT BOULDER, USA

ST8.6 - 082 **An Investigation of Global Mesoscale Variability**
CHELTON Dudley, SAMELSON Roger, OREGON STATE UNIVERSITY, USA

ST8.7 - 103 **An estimate of Lagragian eddy statistics and diffusion in the mixed layer of the Southern Ocean**
SALLEE Jean-Baptiste, CSIRO, AUSTRALIA
SPEER Kevin, FLORIDA STATE UNIVERSITY, USA
MORROW Rosemary, LEGOS, FRANCE
LUMPKIN Rick, NOAA/AOML, USA

ST8.8 - 142 **Mesoscale height anomalies can be observed equally well from repeat and non-repeat orbits**
SMITH Walter H. F., NOAA LAB FOR SATELLITE ALTIMETRY, USA
SCHARROO Remko, ALTIMETRICS LLC, USA

ST8.9 - 144 **Rossby waves interannual variability in the North Atlantic Ocean**
DADOU Isabelle, PAPADAKIS Olivier, SUDRE Joël, GARÇON Véronique, LEGOS CNRS/CNES/IRD/UPS, FRANCE

Science Topic 9 - Basin and global scale variabilities

ST9.1 - 001 **GLOBAL DECADAL UPPER OCEAN HEAT CONTENT AS VIEWED IN NINE ANALYSES**
CARTON James, SANTORELLI Anthony, UNIVERSITY OF MARYLAND, USA

ST9.2 - 008 **Transport anomalies through the Solomon Sea and their relation with Warm Water Volume in the western equatorial Pacific at the ENSO time scale: An altimetric study**
GOURDEAU Lionel, LEGOS/IRD, FRANCE
MELET Angelique, LEGI, FRANCE
KESSLER William, NOAA/PMEL, USA
MAES Christophe, IRD, NEW CALEDONIA

ST9.3 - 025 **SHIFTING SURFACE CURRENTS IN THE NORTHERN NORTH ATLANTIC OCEAN**
HAKKINEN Sirpa, NASA GODDARD SPACE FLIGHT CENTER, USA
RHINES Peter B., UNIVERSITY OF WASHINGTON, USA

ST9.4 - 035 **Remote Sensing of Continental Surfaces from Altimetry: An application to Ice Sheets Studies and Land Hydrology, the GLACES project**
PAPA Fabrice, NOAA-CREST/ THE CITY COLLEGE OF NEW YORK, USA
LEGRESY Benoit, REMY Frederique, LEGOS/CNRS/OMP, FRANCE

ST9.5 - 036 **Observation, theory, and modelling of westward propagation in the oceans**
TAILLEUX Remi, UNIVERSITY OF READING, UK
CHELTON Dudley, COAS, OREGON STATE UNIVERSITY, USA
PENDUFF Thierry, LE SOMMER Julien, LEGI/MEOM, FRANCE
MAHARAJ Angela, MACQUARIE UNIVERSITY, AUSTRALIA

ST9.6 - 048 **Reconstruction of regional mean sea level anomalies from tide gauges using the neural network approach**
WENZEL Manfred, SCHROETER Jens, ALFRED-WEGENER-INSTITUTE FOR POLAR AND MARINE RESE, GERMANY

ST9.7 - 050 **OCEANIC EQUATORIAL AND COASTAL KELVIN WAVES IN THE TROPICAL ATLANTIC WITH ALTIMETRY**
LAZAR Alban, LOCEAN-IPSL PARIS VI UNIVERSITY, FRANCE
POLO Irene, DPTO. GEOPHYSICS AND METEOROLOGY, UCM, SPAIN
RODRIGUEZ-FONSECA Belen, DPTO. GEOPHYSICS AND METEOROLOGY, UCM, SPAIN

ST9.8 - 065 **Ocean Storage and Transport of Heat and Water**
LIU W Timothy, XIE Xiaosu, JET PROPULSION LAB, USA

ST9.9 - 073 **Toward Closing the Sea Level Budget on Regional to Global Scales**
WILLIS Josh, JET PROPULSION LABORATORY, USA

ST9.10 - 077 **BUILDING AND UNDERSTANDING A CLIMATE DATA RECORD OF SEA LEVEL CHANGE**
NEREM R. Steven, UNIVERSITY OF COLORADO, USA
CHAMBERS Don, CENTER FOR SPACE RESEARCH, USA
MITCHUM Gary, UNIVERSITY OF SOUTH FLORIDA, USA
RIES John, CENTER FOR SPACE RESEARCH, USA
CHOE James, COLORADO CENTER FOR ASTRODYNAMICS RESEARCH, USA
SAZONOVA Tatiana, COLORADO CENTER FOR ASTRODYNAMICS RESEARCH, USA

ST9.11 - 086 **DECADAL VARIABILITY IN REGIONAL AND GLOBAL MEAN SEA LEVEL AND ITS CAUSES**
PONTE Rui, ATMOSPHERIC AND ENVIRONMENTAL RESEARCH, INC., USA
WUNSCH Carl, HEIMBACH Patrick, MIT, USA

ST9.12 - 091 **UPPER OCEAN DYNAMICS RELATED TO THE PACIFIC DECADAL OSCILLATION USING ALTIMETER DERIVED VELOCITY FIELDS**
LAGERLOEF Gary, EARTH AND SPACE RESEARCH, USA
MITCHUM Gary, UNIVERSITY OF SOUTH FLORIDA, USA
GUNN John, BONJEAN Fabrice, EARTH AND SPACE RESEARCH, USA

ST9.13 - 101 **Steric and mass-induced variations in the Mediterranean Sea, revisited**
VIGO M. Isabel, GARCÍA D., UNIVERSIDAD DE ALICANTE, SPAIN
CHAO B.F., NATIONAL CENTRAL UNIVERSITY, TAIWAN
SANCHEZ J.M., UNIVERSIDAD DE ALICANTE, SPAIN

ST9.14 - 150 **INTEGRATED WATER MASS VARIATION IN THE MEDITERRANEAN -BLACK SEA REGION**
FENOGLIO-MARC Luciana, BECKER Matthias, TECHNICAL UNIVERSITY DARMSTADT, GERMANY
RIETBROEK Roelof, GEOFORSCHUNGSZENTRUM POTSDAM, GERMANY
KUSCHE Jürgen, GEOFORSCHUNGSZENTRUM POTSDAM (GFZ), GERMANY
GRAYEK Sebastian, UNIVERSITY OF OLDENBURG, GERMANY
STANEV Emil, GKSS RESEARCH CENTRE, GERMANY

ST9.15 - 151 **AN ASSESSMENT OF MULTIPLE WESTWARD PROPAGATING SIGNALS IN SOUTH PACIFIC SEA LEVEL ANOMALIES**
MAHARAJ Angela, HOLBROOK Neil, MACQUARIE UNIVERSITY, AUSTRALIA
CIPOLLINI Paolo, NATIONAL OCEANOGRAPHY CENTRE, UK

ST9.16 - 152 **North Pacific Gyre Oscillation**
SCHNEIDER Niklas, INTERNATIONAL PACIFIC RESEARCH CENTER, USA
DI LORENZO Emanuele, GEORGIA INSTITUTE OF TECHNOLOGY, USA

ST9.17 - 156 **CLOSING THE SEA LEVEL RISE BUDGET WITH ALTIMETRY, ARGO, AND GRACE**
LEULIETTE Eric, MILER Laury, NOAA, USA

ST9.18 - 157 **Dynamics of sea-surface temperature anomalies in the Southern Ocean diagnosed from a 2D mixed-layer model**
VIVIER Frederic, LOCEAN/IPSL, FRANCE
IUDICONE Daniele, STAZIONE ZOOLOGICA "A. DOHRN", ITALY
BUSDRAGHI Fabiano, PARK Young-Hyang, LOCEAN/IPSL, FRANCE

ST9.19 - 166 **USING EMPIRICAL MODE DECOMPOSITION TO CALCULATE PATTERNS OF GLOBAL SEA LEVEL CHANGE**
HAMLINGTON Benjamin, LEBEN Robert, NEREM Steven R., COLORADO CENTER FOR ASTRODYNAMICS RESEARCH, USA

ST9.20 - 173 **Need of improved altimetry to bridge the gap between weather and climate in the tropics**
PERIGAUD Claire, CALTECH / JPL, USA

Science Topic 10 - Coastal processes

ST10.1 - 015 **OCEANIC RESPONSE TO NORTHWEST MONSOON WINDS NORTH OF NEW GUINEA**
RADENAC Marie-Hélène, ELDIN Gérard, ZAKHAROVA Elena, BOUINOT Thomas, LEGOS/IRD, FRANCE

ST10.2 - 026 **INTERACTIONS BETWEEN COASTAL AND OFFSHORE CIRCULATION**
STRUB P. Ted, MATANO Ricardo, OREGON STATE UNIVERSITY, USA

ST10.3 - 045 **Thermal impact of the coastal waves in the coastal African upwelling areas**
PETER Anne-Charlotte, LAZAR Alban, LOCEAN, FRANCE

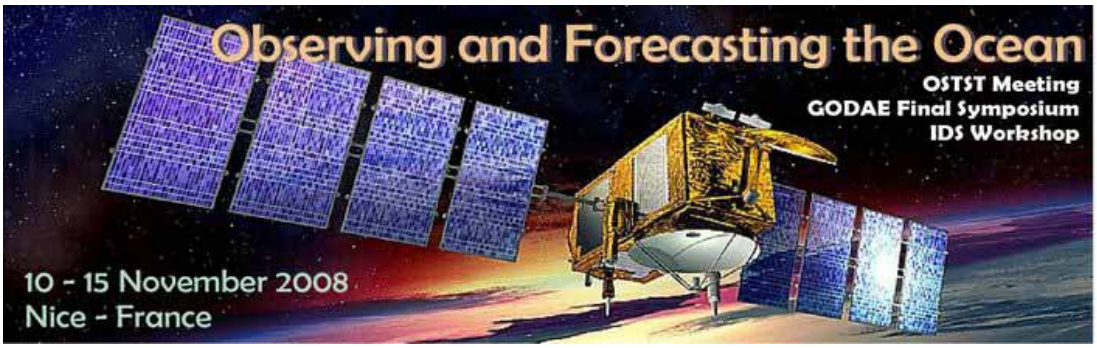
ST10.4 - 076 **Improving coastal circulation analysis and prediction through refined altimeter data processing and variational data assimilation into a regional ocean model**
WILKIN John, RUTGERS UNIVERSITY, USA
VANDEMARK Douglas, UNIVERSITY OF NEW HAMPSHIRE, USA
ZAVALA-GARAY Javier, RUTGERS UNIVERSITY, USA
SCHARROO Remko, ALTIMETRICS LLC, USA
FENG Hui, UNIVERSITY OF NEW HAMPSHIRE, USA
HAN Guoqi, FISHERIES AND OCEANS, CANADA

ST10.5 - 080 **CROSS-KUROSHIO SURFACE TRANSPORT AS SEEN BY SURFACE DRIFTERS AND ALTIMETERS**
ICHIKAWA Kaoru, KYUSHU UNIVERSITY, JAPAN
AMBE Daisuke, NRIFS, FISHERIES RESEARCH AGENCYïF0CJAPAN, JAPAN

ST10.6 - 092 **The Gulf of Carpentaria - The source of the Leeuwin Current Seasonality**
RIDGWAY Ken, CSIRO, AUSTRALIA

ST10.7 - 109 **ASSESSMENT OF OBSERVATIONAL NETWORKS WITH THE REPRESENTER MATRIX SPECTRA METHOD - APPLICATION TO A 3D COASTAL MODEL OF THE BAY OF BISCAY**
LE HENAFF Matthieu, LEGOS CNRS/CNES/IRD/UPS, FRANCE
DE MEY Pierre, LEGOS / CNRS, FRANCE
MARSALEIX Patrick, LA / UNIVERSITÉ DE TOULOUSE ; CNRS, FRANCE

ST10.8 - 129 **SIGNATURE OF COASTAL DYNAMICAL PROCESSES IN SATELLITE ALTIMETRY**
HERBERT Gaelle, LE HÉNAFF Matthieu, LEGOS, FRANCE
BIROL Florence, LEGOS/CTOH, FRANCE
AYOUB Nadia, BOUFFARD Jérôme, LEGOS, FRANCE
CANCET Mathilde, LEGOS/CTOH, FRANCE



GODAE Final Symposium 12-15 November 2008

GODAE
GLOBAL OCEAN DATA ASSIMILATION EXPERIMENT

Programme

Wednesday 12 November 2008		
07:30 - 12:30	Registration and posters setup	
12:30 - 14:00	Lunch	
	Plenary Session	◎ Athena Auditorium
	Session 1 - Introduction Conveners: Pierre-Yves Le Traon, Mike Bell	
14:00 - 15:00	Opening ceremony	
	Welcome and thanks (10 min)	GODAE Co-chairs
	Keynote speeches (50 min)	• **Alain Ratier**, *Deputy Director General, Météo France* • **Jack Hayes,** *Assistant Administrator, National Weather Service, NOAA* • **Arno Kaschl,** *GMES Bureau, European Commission* • **Patricio Bernal,** *Executive Secretary IOC, ADG of UNESCO for IOC*
15:00 - 15:20	**History of GODAE**	**Neville Smith, BoM** **Michel Lefebvre**
15:20 - 15:40	**GODAE overview and the concept of the Symposium**	**Mike Bell, Met Office** **Pierre-Yves Le Traon, Ifremer**
15:40 - 16:00	Coffee break	
16:00 - 16:30	Real-time ocean brief Global and Indo Pacific	**International forecast team** Chair: Gary Brassington
	Session 2 - Operational Oceanography Infrastructure: Where we are now - 10 years of progress Conveners: Ed Harrison, Eric Dombrowsky	
16:30 - 16:50	**Satellite observing systems and relevance to GODAE**	**Stan Wilson, NOAA** Mark Drinkwater & Jerome Benveniste (ESA), Hans Bonekamp & Francois Parisot (EUMETSAT), Jean-Louis Fellous (COSPAR), B.S. Gohil (ISRO), Mingsen Lin (SOA), Eric Lindstrom (NASA), Keizo Nakagawa (JAXA)
16:50 - 17:10	**In-situ observing systems and relevance to GODAE**	**Ed Harrison, NOAA/PMEL** Mike Johnson (NOAA/Climate Program Office), David Meldrum (Scottish Association for Marine Science), Graeme Ball (Australian BoM), Mark Merrifield (University of Hawaii), Mike McPhaden (NOAA/PMEL), Dean Roemmich (SIO/UCSD), Howard Freeland (Institute of Ocean Sciences), Gustavo Goni (NOAA/AOML), Robert Weller (WHOI), Uwe Send (SIO), Maria Hood (IOC/UNESCO)
17:10 - 17:40	**GODAE Systems in operation**	**Eric Dombrowsky, Mercator-Ocean** L. Bertino (NERSC), G. Brassington (BMRC), E.Chassignet ((University of Miami/RSMAS), F. Davidson (DFO), H. Hurlburt (NRL, Stennis), M. Kamachi (MRI), T. Lee (JPL/NASA), M. Martin (Met Office), S. Mei (NMEFC), M. Tonani (INGV)
17:40 - 18:05	**Data & Product serving, an overview of capabilities developed in 10 years**	**Frederique Blanc, CLS** Roger Clancy (US Navy), Peter Cornillon (University of Rhode Island), Craig Donlon (ESA), Peter Hacker (ARDC), K. Haines (ESSC), Steve Hankin (NOAA/PMEL), Sylvie Pouliquen (Ifremer), Martin Price (Met Office), Tim Pugh (BMRC), Ashwanth Srinivasan (RSMAS)
18:30	Pick up at venue - bus to Gala Dinner in Monaco	
19:30 - 23:30	Gala Dinner in Monaco	

Thursday 13 November 2008

	Plenary Sessions	**◎ Athena Auditorium**
09:00 - 09:15	**Real-time ocean brief** **North West Atlantic**	**International forecast team** Chair: Gary Brassington
	Session 3 - Demonstrating the feasibility Conveners: Harley Hurlburt, Peter Oke	
09:15 - 09:40	**Global high resolution analyses and forecasts at the mesoscale**	**Harley Hurlburt, NRL** E. Dombrowsky (Mercator-Ocean), G. Brassington (BMRC), E. Chassignet (COAPS), J. Cummings (NRL-Monterey), M. Drevillon (CERFACS), Y. Drillet (Mercator Ocean), E.Greiner (CLS), E. J. Metzger (NRL-Stennis), P. Oke (CSIRO), T. Pugh (BMRC), A. Schiller (CSIRO), J. F. Shriver (NRL-Stennis), O. M. Smedstad (Planning Systems Inc.), C.-E. Testut (MGC), B. Tranchant (CERFACS), A. Wallcraft (NRL-Stennis), G. Warren (BoM)
09:40 - 10:05	**Regional high resolution analyses and forecasts at the mesoscale**	**Masafumi Kamachi, MRI** P. De Mey (LEGOS, Fr.), F. Davidson (DFO, Canada), Y.-H. Kim (KORDI, Korea), J.-M. Lellouche (Mercator-Ocean, France), C. Rowley (NRL, USA), D. Storkey (UK Met Office), K. Thompson (Dalhousie University, Canada), and J.-H. Yoon (Kyushu University, Japan)
10:05 - 10:30	**Ocean state estimation for climate research**	**Tony Lee, JPL, NASA** Toshiyuki Awaji (Kyoto University), Magdalena Balmaseda (ECMWF), Eric Greiner (CLS), Matt Martin (Met Office), D Stammer (IfM)
10:30 - 11:15	**Coffee break - poster viewing**	
11:15 - 11:40	**Validation and intercomparison of analysis and forecast**	**Fabrice Hernandez, Mercator-Ocean** L. Bertino (NERSC), G. Brassington (BoM), J. Cummings (NRL, Monterey), L. Crosnier (Mercator-Ocean), F. Davidson (DFO), P. Hacker (University of Hawaii), M. Kamachi (MRI), Matt Martin (Met Office)
11:40 - 12:05	**Observing System Evaluations**	**Peter Oke, CSIRO** Magdalena Balmaseda (ECMWF), Jim Cummings (NRL), Eric Dombrowsky (Mercator-Ocean), Yosuke Fujii (MRI), Stephanie Guinehut (CLS), Gilles Larnical (CLS), Pierre-Yves Le Traon (Ifremer), Matthew J. Martin (Met Office)
	Session 4 - Key scientific and technological advances Conveners: Jim Cummings, Eric Chassignet, Keith Haines	
12:05 - 12:30	**Argo: the challenge of continuing 10 years of progress**	**Dean Roemmich, SIO/UCSD** M. Belbeoch (Argo Information Centre), P.J.V.Belchi (IEO), H. Freeland (IOS), W.J. Gould (NOCS), F. Grant (IMI), M. Ignaszewski (FNMOC), B. King (NOCS), B. Klein (BSH), K.A. Mork (IMR), W.B. Owens (WHOI), S. Pouliquen (Ifremer), M. Ravichandran (INCOIS), S. Riser (UW), A. Sterl (KNMI), T. Suga (JAMSTEC), M.-S. Suk (KORDI), P. Sutton (NIWA), V. Thierry (Ifremer), P.-Y. Le Traon (Ifremer), S. Wijffels (CMAR), J.Xu (SIO/SOA)
12:30 - 14:00	**Lunch**	
14:00 - 14:25	**The GODAE High Resolution Sea Surface Temperature Pilot Project (GHRSST-PP)**	**Craig Donlon, ESA** Kenneth Casey (NOAA), Ian Robinson (NOCS, Southampton), Chelle Gentemann (Remote Sensing System, Santa Rosa, USA), Richard Reynolds (NOAA, NCDC), Ian Barton (CSIRO), Olivier Arino (ESA), John Stark (Met Office), Nick Rayner (Met Office), Pierre LeBorgne (CMS), David Poulter (NOCS, Southampton), Jorge Vazquez(JPL), Helen Beggs (BoM), David Llewellyn Jones (University of Leicester), Peter Minnett (RSMAS)
14:25 - 14:50	**Data assembly and processing for operational oceanography: 10 years of achievements**	**Pierre-Yves Le Traon, Ifremer** G. Larnicol (CLS), S. Guinehut (CLS), S. Pouliquen (Ifremer), A. Bentamy (Ifremer), D. Roemmich (UCSD),) C. Donlon (ESA), H. Roquet (Meteo-France), G. Jacobs (NRL), D. Griffin (CSIRO), F. Bonjean (ESR), N. Hoeppfner (JRC), L.A. Breivick (Met.no)
14:50 - 15:15	**Underpinning technologies for oceanographic data sharing, visualisation and analysis: Review and future outlook**	**Jon Blower, ESSC** Frederique Blanc (CLS), Peter Cornillon (University of Rhode Island), Steve Hankin (NOAA), Thomas Loubrieu (Ifremer)
15:15 - 15:45	**Coffee break**	
	Poster Session	**◎ Espace Rhodes**
15:45 - 18:00	**Poster viewing + free drinks**	
	Plenary Session	**◎ Athena Auditorium**
18:00 - 19:00	**Argo Round Table**	Chair: Dean Roemmich (USCD) **Round table panel:** Howard Freeland (DFO, Canada) Pierre-Yves Le Traon (Ifremer, France) Sylvie Pouliquen (Ifremer, France) Mathieu Belbeoch (Argo Information Centre) Andreas Schiller (CSIRO, Australia) Eric Dombrowsky (Mercator-Ocean, France) *+ other to be named*
19:00	**End of Day 2**	

Friday 14 November 2008

	Plenary Session	◎ Athena Auditorium
08:30 - 08:45	**Real-time Ocean Brief** **North East Atlantic**	**International forecast team** Chair: Gary Brassington
	Session 4 - Key scientific and technological advances - CONTINUED Conveners: Jim Cummings, Eric Chassignet, Keith Haines	
08:45 - 09:10	**Ocean Data Assimilation Systems for GODAE**	**Jim Cummings, NRL** Laurent Bertino (NERSC), Pierre Brasseur (CNRS), Ichiro Fukumori (JPL, NASA), Masafumi Kamachi (MRI), Matt Martin (Met Office), Kristian Mogensen (ECMWF), Peter Oke (CSIRO), Charles E. Testut (Mercator-Ocean), Jacques Verron (CNRS, LEGI), Anthony Weaver (Cerfacs)
09:10 - 09:35	**Advances in Global and Basin-scale Modelling during GODAE**	**Eric Chassignet, COAPS** Alistair Adcroft (LOCEAN), Remy Baraille (SHOM), Bernard Barnier (LEGI), Mats Bentsen (NERSC), Eric Blayo (IMAG), Romain Bourdalle Badie (CERFACS), Jean-Michel Campin (MIT), Pierre De Mey (LEGOS), Gilles Garric (MGC), Stephen M. Griffies (GFDL), Robert Hallberg (GFDL), George Halliwell (RSMAS), Patrick Heimbach (MIT), Gurvan Madec (LOCEAN), Dimitris Menemenlis (JPL), Yves Morel (SHOM) and Alexander "Sasha" F. Shchepetkin (UCLA)
	Session 5 - Applications Conveners: Magdalena Balmaseda, Fraser Davidson, Ralph Rayner	
09:35 - 10:00	**Marine pollution monitoring and predictions**	**Bruce Hackett, Met.no** Pierre Daniel (Meteo France), Eric Comerma (ASA), Hitoshi Ichikawa (JMA)
10:00 - 10:45	**Coffee break - poster viewing**	
10:45 - 11:10	**Safety and effectiveness of operations at Sea (including SAR)**	**Fraser Davidson, DFO** A. Allen (USCG) , G. Brassington (BMRC), O. Breivik (met.no), P. Daniel (Meteo-France), B. Stone (CCG, Canada), S. Sato (JCG, Tokyo, Japan)
11:10 - 11:35	**Coastal modelling and applications**	**Pierre De Mey, LEGOS** P. Craig (CSIRO), C. A. Edwards (University of California), Y. Ishikawa (Kyoto University), J. C. Kindle (formerly NRL), R. Proctor (POL, IMOS), K. R. Thompson (Dalhousie University), Jiang Zhu (IAP/CAS), F. Auclair (Laboratoire d'Aérologie, Toulouse), J.-M. Beckers (GHER, Belgium), E. Blayo (Laboratoire Jean Kuntzmann, France), J. Huthnance (POL), F. Lyard (LEGOS/CNRS) and the GODAE Coastal and Shelf Seas Working Group (CSSWG) community
11:35 - 12:00	**Asia and Oceania Applications**	**Jiang Zhu, IAP** Toshiyuki Awaji (Kyoto University), Gary Brassington (BoM), Norihisa Usui (MRI/JMA), Naoki Hirose (Kyushu University), Young Ho Kim (KORDI, Korea), Qinzheng Liu (National Marine Environment Forecast Center, China), She Jun (DMI, Denmark), Yasumasa Miyazawa (JAMSTEC), Tatsuro Watanabe (JSNFRI, Japan) and M. Ravichandran (INCOIS, India)
12:00 - 12:25	**Ocean Initialization for Seasonal Forecasts**	**Magdalena Balmaseda, ECMWF** Oscar Alves (BMRC), A. Arribas (Met Office), Toshiyuki Awaji (Kyoto University), David Behringer (NCEP), Nicolas Ferry (Mercator-Ocean), Yosuke Fujii (MRI), Tony Lee (JPL, NASA), Michele Rienecker (NASA), Tony Rosati (GFDL), Detlef Stammer (IfM),
12:25 - 14:00	**Lunch**	
14:00 - 14:25	**Applications of satellite-derived ocean measurements to hurricane intensity forecasting**	**Gustavo Goni, NOAA, AOML, PHOD** Mark DeMaria (NOAA), John Knaff (NOAA), Charles Sampson (NRL-Monterey), Isaac Ginis (University of Rhode Island), Francis Bringas (CIMAS, University of Miami), Alberto Mavume (University of Cape Town), Chris Lauer (NOAA), I-I. Lin (National Taiwan University), M. M. Ali (National Remote Sensing Agency, India), Paul Sandery (CAWCR), Silvana Buarque (Mercator-Ocean), KiRyong Kang (National Typhoon Center/KMA), Avichal Mehra (NOAA), Eric Chassignet (COAPS) and George Halliwell (RSMAS/MPO)
14:25 - 14:50	**Integrating biogeochemistry and ecology into ocean data assimilation systems**	**Pierre Brasseur, CNRS** **Nikolas Gruber, ETHZ** R. Barciela (Met Office), K. Brander (ICES), A. J.Hobday (CSIRO), M. Huret (Ifremer), P.Lehodey (CLS), C. Moulin (CNRS), R. Murtugudde (ESSIC), I. Senina (CLS), E. Svendsen (IMR), R. Matear (CSIRO)
14:50 - 15:15	**Applications from GODAE to Navies throughout the world**	**Gregg Jacobs, NRL** Robert H. Woodham (UNSW at the Australian Defence Force Academy), Didier Jourdan (SHOM (French Navy), Jez Braithwaite (FWOC, UK)
15:15 - 15:40	**Offshore Industry Applications**	**Ralph Rayner, IMAREST** Robin Stevens (BMT ARGOSS, UK)
15:40 - 16:10	**Coffee break**	
	Poster Session	**◎ Espace Rhodes**
16:10 - 18:00	**Poster viewing + free drinks**	
18:00	**End of day 3**	

Saturday 15 November 2008		
	Plenary Session	**Athena Auditorium**
08:30 - 08:45	**Real-time Ocean Brief** **Indian Ocean/ South Atlantic**	**International forecast team** Chair: Gary Brassington
	Session 6 - The future of GODAE Conveners: Stan Wilson, Neville Smith	
08:45 - 09:10	**MyOcean, an European example of post-GODAE initiatives**	**Pierre Bahurel, Mercator-Ocean** Pierre Bahurel and the MyOcean steering team, Mike Bell (Met Office), Erik Buch (DMI), Fabienne Jacq (CLS), Johnny Johannessen (NERSC), Pierre-Yves Le Traon (Ifremer), Nadia Pinardi (INGV), with international contributions from the International GODAE Steering Team
09:10 - 09:35	**United State Ocean Observing Initiatives - A look to the future**	**Zdenka Willis, NOAA, IOOS** Kim Cohen (NOAA/IOOS), Dr. Jeff de La Beaujardiere (NOAA/IOOS), Ray Toll (SAIC), Jessica Geubtner (Ocean.US), Dr. Ralph Rayner (Ocean.US), Dr. Alex Isern (US NSF), Dr. Shelby Walker (US NSF), Dr. Jonathan Berkson(U.S. Coast Guard), Dr. John Haines (USGS), William Birkemeier (USACE), Dr. Brian D. Melzian (USEPA)
09:35 - 10:05	**Key future research priorities in ocean forecasting**	**Andreas Schiller, CSIRO** Pierre Brasseur (LEGI/CNRS), Pierre de Mey, (LEGOS), Roger Proctor (IMOS/UTas & POL), Jacques Verron (LEGI)
10:05 - 10:35	**Coffee break - poster viewing**	
10:35 - 11:05	**GODAE OceanView: From an experiment towards a long-term international program for ocean analysis and forecasting**	**Pierre-Yves Le Traon, Ifremer** Mike Bell (Met Office), Eric Dombrowksy (Mercator-Ocean), A. Schiller (CSIRO), Kirsten Wilmer-Becker (Met Office)
	Plenary Session	**Athena Auditorium**
11:05 - 12:20	Round table discussion	Stan Wilson (NOAA) - **Chair** **Round table panel:** Mike Bell (Met Office) Eric Dombrowsky (Mercator-Ocean) Jean-Louis Fellous (JCOMM) Ming Ji (Director, Ocean Prediction Center, NOAA) Pierre-Yves Le Traon (Ifremer) *Alain Podaire (Kopernikus)* ***TBC*** Ralph Rayner, IMAREST, UK Andreas Schiller (CSIRO) Neville Smith (BoM, IOC Vice-chair) Jiang Zhu (IAP, CAS, China)
12:20 - 12:30	Concluding presentation	**Pierre-Yves Le Traon, Ifremer** **Mike Bell, Met Office**
12:30 - 13:30	**Lunch**	
13:30	**End of Symposium and poster take down**	

Session 1 - Introduction

S1.1 - 007 **Operational oceanography, intergovernmental coordination, and the role of JCOMM**
DEXTER Peter, Bureau of Meteorology, AUSTRALIA

S1.2 - 146 **IMPLEMENTATION OF THE OPERATIONAL OCEANOGRAPHY SYSTEM IN THE IBERIA-BISCAY-IRLAND AREA (IBI-ROOS)**
POULIQUEN Sylvie, IFREMER, FRANCE
LAVIN Alicia, INSTITUTO ESPAÑOL DE OCEANOGRAFÍA, SPAIN

Session 2 - Operational Oceanography infrastructure: Where we are now - 10 years of progress

S2.1 - 174 **Surface temperature-salinity relationship in the context of the SMOS satellite mission**
ARETXABALETA Alfredo, GOURRION Jérôme, BALLABRERA Joaquim, MOURRE Baptiste, FONT Jordi,
INSTITUT DE CIÈNCIES DEL MAR - CSIC, SPAIN

S2.2 - 086 **Regional FOAM configurations**
BLOCKLEY Ed, MET OFFICE, UK

S2.3 - 183 **EUMETSAT'S OPERATIONAL SATELLITE OCEANOGRAPHY SERVICES**
BONEKAMP Hans, PARISOT François, EUMETSAT, GERMANY

S2.4 - 077 **Ocean Model, Analysis and Prediction System (OceanMAPS)**
BRASSINGTON Gary, CAWCR / BUREAU OF METEOROLOGY, AUSTRALIA
WARREN Graham, BUREAU OF METEOROLOGY, AUSTRALIA
PUGH Tim, CAWCR / BUREAU OF METEOROLOGY, AUSTRALIA
HUANG Xinmei, BUREAU OF METEOROLOGY, AUSTRALIA
OKE Peter, SCHILLER Andreas, CAWCR / CSIRO AND WEALTH FROM OCEANS FLAGSHIP, AUSTRALIA

S2.5 - 008 **GMES SENTINEL-3: A MISSION FOR OPERATIONAL OCEANOGRAPHY**
DRINKWATER Mark, EUROPEAN SPACE AGENCY, NETHERLANDS

S2.6 - 173 **Model salinity product characterization for the SMOS satellite mission**
GOURRION Jérôme, ARETXABALETA Alfredo, BALLABRERA JOAQUIM, MOURRE Baptiste, FONT Jordi,
INSTITUT DE CIÈNCIES DEL MAR - CSIC, SPAIN

S2.7 - 151 **The Eumetsat ocean and sea ice SAF (OSI SAF): a contribution to operational oceanography**
GUEVEL Guenole, METEO FRANCE, FRANCE

S2.8 - 036 **Operational use of regional ocean data assimilation system**
USUI Norihisa, METEOROLOGICAL RESEARCH INSTITUE, JAPAN
ISHIZAKI Shiro, JAPAN METEOROLOGICAL AGENCY, JAPAN
TSUJINO Hiroyuki, METEOROLOGICAL RESEARCH INSTITUE, JAPAN
UMEDA Takahumi, JAPAN METEOROLOGICAL AGENCY, JAPAN
KAMACHI Masafumi, METEOROLOGICAL RESEARCH INSTITUE, JAPAN

S2.9 - 161 **North Atlantic Open Ocean Time Series Observatories**
KARSTENSEN Johannes, Leibniz-Institute for Marine Sciences, GERMANY
SEND Uwe, SCRIPPS INSTITUTION OF OCEANOGRAPHY, USA
LAMPITT Richard, NATIONAL OCEANOGRAPHY CENTRE, UK
VILLAGARCIA Marimar, INSTITUTO CANARIO DE CIENCIAS MARINAS, SPAIN
MEINECKE Gerrit, MARUM, GERMANY
WALLACE Douglas, FISCHER Jürgen, VISBECK Martin, LEIBNIZ-INSTITUTE FOR MARINE SCIENCES, GERMANY
ØSTERHUS Svein, BJERKNES CENTRE FOR CLIMATE RESEARCH AND GEOPHYSIC, NORWAY

S2.10 - 064 **ARGO-JAMSTEC - ACTIVITIES OF JAMSTEC FOR ARGO PROJECT -**
SUGA Toshio, TOHOKU UNIVERSITY, JAPAN
HIRANO Mizue, HOSODA Shigeki, JAMSTEC, JAPAN
IWASAKA Naoto, TOKYO UNIV. OF MARINE SCIENCE AND TECHNOLOGY, JAPAN
NAKAMURA Tomoaki, KOBAYASHI Taiyo, OGITA Naoko, JAMSTEC, JAPAN
OKA Eitarou, OCEAN RESEARCH INSTITUTE, UNIV. TOKYO, JAPAN
SATO Kanako, UENO Hiromichi, JAMSTEC, JAPAN
ASAI Satoko, IDAI Toru, MATSUO Noriyuki, NAKAJIMA Hiroyuki, OHIRA Tsuyoshi, YOKOTA Makito,
MARINE WORKS JAPAN CO. LTD., JAPAN
SHIKAMA Nobuyuki, MIZUNO Keisuke, JAMSTEC, JAPAN

S2.11 - 147 **EURO-ARGO : A NEW EUROPEAN RESEARCH INFRASTRUCTURE TOWARDS A SUSTAINED EUROPEAN CONTRIBUTION TO ARGO**
LE TRAON Pierre-Yves, IFREMER, FRANCE

S2.12 - 026 **Model and observation bias correction in altimeter ocean data assimilation in FOAM**
LEA Daniel, MET OFFICE, UK
HAINES Keith, ESSC, UNIVERSITY OF READING, UK
MARTIN Matthew, MET OFFICE, UK

S2.13 - 142 **Ocean Forecast Systems at NCEP: toward the Earth Model System**
LOZANO Carlos, NCEP/NWS/NOAA, USA

S2.14 - 044 **THE GLOBAL FOAM SYSTEM**
MARTIN Matthew, MET OFFICE, UK

S2.15 - 016 **Operational Ocean Modeling at NCEP/NWS; towards a global capability**
MEHRA Avichal, TOLMAN Hendrik, EMC/NCEP/NWS/NOAA, USA

S2.16 - 029 **The Australian Integrated Marine Observing System**
MEYERS Gary, UNIVERSITY OF TASMANIA, AUSTRALIA

S2.17 - 165 **Monitoring the exchanges between the Atlantic and the Arctic across the Greenland-Scotland Ridge**
ØSTERHUS Svein, BJERKNES CENTRE FOR CLIMATE RESEARCH, NORWAY

S2.18 - 171 **DOES SMOS ACCOMPLISH GODAE REQUIREMENTS? ISSUES CONCERNING SATELLITE SALINITY RETRIEVAL**
SABIA Roberto, CAMPS Adriano, TALONE Marco, VALL-LLOSSERA Mercé,
UNIVERSITAT POLITÈCNICA DE CATALUNYA, SPAIN
FONT Jordi, INSTITUT DE CIÈNCIES DEL MAR, SPAIN

S2.19 - 038 **THE 1/12º GLOBAL HYCOM NOWCAST/FORECAST SYSTEM**
SMEDSTAD Ole Martin, QINETIQ NORTH AMERICA-PLANNING SYSTEMS INC., USA
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CROSNIER Laurence, MERCATOR-OCEAN, FRANCE
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BOURDALLE-BADIE Romain, MERCATOR-OCEAN/CERFACS, FRANCE
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SU Jie, OCEAN UNIVERSITY OF CHINA, CHINA
ZHANG Xu, NANJING UNIVERSITY, CHINA
BELANGER Jean-Marc, ROY Francois, RITCHIE Hal, ENVIRONMENT CANADA, CANADA

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CHANG Yoo-Soon, GEOPHYSICAL FLUID DYNAMICS LABORATORY, USA

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BARTH Alexander, UNIVERSITY OF LIEGE, BELGIUM
HOGAN Patrick, NAVAL RESEARCH LABORATORY, USA
SMEDSTAD Ole Martin, PLANNING SYSTEMS INCORPORATED, USA
WEISBERG Robert, UNIVERSITY OF SOUTH FLORIDA, USA
SHAY Nick, UNIVERSITY OF MIAMI - RSMAS, USA
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HANKIN Steve, NOAA / PACIFIC MARINE ENVIRONMENTAL LABORATORY, USA
SRINIVASAN Ashwanth, FLORIDA STATE UNIVERSITY COAPS, USA
CORNILLON Peter, UNIVERSITY OF RHODE ISLAND GSO, USA
HACKER Peter, UNIVERSITY OF HAWAII IPRC, USA
MANKE Ansley, NOAA / PACIFIC MARINE ENVIRONMENTAL LABORATORY, USA
SCHWEITZER Roland, WEATHERTOP CONSULTING, LLC, USA

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HANKIN Steve, NOAA / PACIFIC MARINE ENVIRONMENTAL LABORATORY, USA
BLOWER Jon, U. OF READING ENVIRONMENTAL SYSTEMS SCIENCE CENTER, UK
CARVAL Thierry, IFREMER, FRANCE
CASEY Kenneth, NOAA NATIONAL OCEAN DATA CENTER, USA
DONLON Craig, MET OFFICE HADLEY CENTRE, UK
LAURET Olivier, CLS SPACE OCEANOGRAPHY DIVISION, FRANCE
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HOGAN Patrick, NAVAL RESEARCH LABORATORY, USA
SMEDSTAD Ole Martin, PLANNING SYSTEMS, INC., USA
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LAPEYRE Guillaume, LABORATOIRE DE MÉTÉOROLOGIE DYNAMIQUE, FRANCE
COLLARD Fabrice, CLS RADAR DIVISION, FRANCE
JOHANESSEN Johnny, KUDRYAVTSEV Vladimir, NANSEN ENVIRONMENTAL AND REMOTE SENSING CENTER, NORWAY

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KAMACHI Masafumi, FUJII Yosuke, MRI, JAPAN
ISHIZAKI Shirou, JMA, JAPAN

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KOBAYASHI Taiyo, NAKAMURA Tomoaki, OGITA Naoko, JAMSTEC, JAPAN

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SUGA Toshio, TOHOKU UNIVERSITY, JAPAN
MIZUNO Keisuke, JAMSTEC, JAPAN

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BLAYO Eric, UNIVERSITÉ DE GRENOBLE / INRIA, FRANCE
COSME Emmanuel, VERRON Jacques, LEGI, FRANCE
VIDARD Arthur, INRIA, FRANCE

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LIU Ye, ZHU Jiang, INSTITUTE OF ATMOSPHERIC PHYSICS (IAP), CAS, CHINA
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DI PIETRO Pierluigi, INGV, ITALY
PINARDI Nadia, UNIVERSITY OF BOLOGNA, ITALY

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SALLEE Jean-Baptiste, CSIRO, AUSTRALIA
SPEER Kevin, FSU, USA
RINTOUL Steve, WIJFFELS Susan, CSIRO, AUSTRALIA

S4.53 - 061 **PERFORMANCE OF FOUR SEA SURFACE TEMPERATURE ASSIMILATION SCHEMES IN THE SOUTH CHINA SEA' from 'COMPARISON OF FOUR SST DADA ASSIMILATION SCHEMES IN SOUTH CHINA SEA**
SHU Yeqiang, WANG Dongxiao, ZHU Jiang, INSTITUTE OF ATMOSPHERIC PHYSICS,CAS, CHINA

S4.54 - 021 **EnKF with Gaussian anamorphosis for a 3D ocean ecosystem model: initial results**
SIMON Ehouarn, BERTINO Laurent, NANSEN ENVIRONMENTAL AND REMOTE SENSING CENTER, NORWAY

S4.55 - 093 **Improving the SST and SSS forecasts by a Kalman filter augmented control vector technique: a global test case study using Mercator reanalysis data**
SKANDRANI Chafih, BRANKART Jean-Michel, VERRON Jacques, BRASSEUR Pierre, CNRS/LEGI/MEOM, FRANCE

S4.56 - 075 **MULTI-SENSOR DATA FUSION THROUGH MULTISCALE MODEL: A METHOD FOR HIGH RESOLUTION ORIENTED GEOSTROPHY**
SUDRE Joël, LEGOS / CNRS, FRANCE
YAHIA Hussein, INRIA, FRANCE
GARCON Véronique, LEGOS / CNRS, FRANCE
PROVOST Christine, LOCEAN/IPSL, FRANCE

S4.57 - 024 **NORTH-SOUTH SHIFT OF NORTHERN BOUNDARY OF NORTH PACIFIC INTERMEDIATE WATER ON 26.8 σ_θ SURFACE**
SUGIMOTO Shusaku, HANAWA Kimio, TOHOKU UNIVERSITY, JAPAN

S4.58 - 135 **Regional in-situ observatory: glider operations in the northwestern Mediterranean Sea in winter 2008 (EGO)**
TESTOR Pierre, CNRS, FRANCE

S4.59 - 105 **Vertical structures of the North Pacific mode waters**
TOYAMA Katsuya, SUGA Toshio, TOHOKU UNIVERSITY, JAPAN

S4.60 - 114 **THE GLOBAL 1/12° MERCATOR OCEAN FORECASTING SYSTEM: SCIENTIFIC DESIGN AND FIRST RESULTS**
TRANCHANT Benoît, CERFACS/MERCATOR OCEAN, FRANCE
TESTUT Charles Emmanuel, MGC INCORPORATION, FRANCE
BOURDALLÉ-BADIE Romain, DERVAL Corinne, CERFACS/MERCATOR-OCEAN, FRANCE
LE GALLOUDEC Olivier, DRILLET Yann, MERCATOR OCEAN, FRANCE

S4.61 - 166 **Operational Assessment of the Real-Time Mercator Ocean Analyses and Forecasts**
VERBRUGGE Nathalie, PENE Nicolas, GREINER Eric, CLS, FRANCE
DREVILLON Marie, LELLOUCHE Jean-Michel, CERFACS, FRANCE
BENKIRAN Mounir, NOUEL Lucas, CLS, FRANCE
VINAY Gaetan, MGC, FRANCE

S4.62 - 120 **Influence of wind stress error in the 4DVAR basin scale ocean circulation analysis**
WAKAMATSU Tsuyoshi, FOREMAN Michael, CUMMINS Patrick, CHERNIAWSKY Josef,
FISHERIES AND OCEANS CANADA, CANADA

S4.63 - 015 **An ensemble three-dimensional variational data assimilation for the global ocean**
DAGET Nicolas, WEAVER Anthony, CERFACS, FRANCE
BALMASEDA Magdalena, ECMWF, UK

S4.64 - 072 **A DATASET OF GLOBAL OCEAN SURFACE CURRENTS DERIVED FROM ARGO FLOAT TRAJECTORIES**
XIE Jiping, ZHU Jiang, INSTITUTE OF ATMOSPHERIC PHYSICS, CHINA

S4.65 - 048 **SIMULATING MOW IN A BASIN-SCALE MODEL**
XU XIAOBIAO, UNIVERSITY OF SOUTHERN MISSISSIPPI, USA
CHASSIGNET Eric P., COAPS - FLORIDA STATE UNIVERSITY, USA

S4.66 - 040 **NON-STERIC EFFECT FROM THE GRACE MISSION ON THE ALTIMETRY DATA ASSIMILATION**
YAN Changxiang, ZHU Jiang, INSTITUTE OF ATMOSPHERIC PHYSICS(IAP),CAS, CHINA

S4.67 - 074 **AN OPTIMAL ENSEMBLE INTERPOLATION SCHEME FOR ASSIMILATION OF ARGO PROFILES INTO HYCOM**
ZHU Jiang, XIE Jiping, YAN Changxiang, INSTITUTE OF ATMOSPHERIC PHYSICS (IAP), CAS, CHINA

S4.68 - 004 **A variational method for processing radial velocity data acquired by coastal radars**
SENTCHEV Alexei, UNIVERSITE DU LITTORAL, FRANCE

S4.69 - 005 **A method of successive corrections of the control subspace in the reduced-order 4dVar**
YAREMCHUK Max, University of Hawaii, USA

S4.70 - 141 **CHARACTERISTICS AND FORCING MECHANISMS OF EDDY VARIABILITY AROUND THE HAWAIIAN ISLANDS**
YOSHIDA Sachiko, QIU Bo, LUKAS Roger, JIA Yanli, HACKER Peter, UNIVERSITY OF HAWAII, USA

S4.71 - 106 **North-Western Mediterranean circulation study: flow interaction between the Northern Current and the coastal circulation in the Gulf of lion and the Côte d'Azur Region**
OURMIERES Yann, MOLCARD Anne, ZAKARDJIAN Bruno, FORGET Philippe, FRAUNIE Philippe, BARBIN Yves,
GAGGELLI Joel, LSEET, UNIVERSITÉ DU SUD TOULON VAR, FRANCE
DUCHEZ Aurélie, LEGI UNIVERSITÉ JOSEPH FOURIER, FRANCE
LANGLAIS Clothilde, CSIRO MARINE AND ATMOSPHERIC RESEARCH, AUSTRALIA

Session 5 - Applications

S5.1 - 163 **PREVIMER -OBSERVATIONS AND FORECASTS IN COASTAL SEA PREVIMER**
LECORNU Fabrice, LEGRAND Jacques, DE ROECK Yann Hervé, IFREMER, FRANCE

S5.2 - 116 **IMPACT OF PHYSICAL AND BIOLOGICAL DATA ASSIMILATION ON THE GLOBAL SURFACE AIR-SEA FLUXES OF CO2**
BARCIELA-FERNANDEZ Rosa, Met Office, UK

S5.3 - 178 **Ocean forecasting for acoustical applications**
BLAHA John, WALLMARK Jay, BUB Franck, NAVAL OCEANOGRAPHIC OFFICE, USA

S5.4 - 113 **Regional activities in MERCATOR-OCEAN: from a model intercomparison study on the Bay of Biscay toward a regional operational system on the IBI domain.**
CAILLEAU Sylvain, MERCATOR-OCEAN, FRANCE

S5.5 - 134 **A COUPLED OCEAN-ATMOSPHERE MODELING SYSTEM FOR TROPICAL CYCLONE STUDIES**
WINTERBOTTOM Henry, COAPS/FSU, USA
CHASSIGNET Eric, COAPS, USA
CLAYSON Carol Anne, FSU, USA

S5.6 - 084 **ENVIRONMENTAL AND CLIMATE OCEAN INDICES: INTERCOMPARISON OF THE FRENCH MERCATOR AND U.S. HYCOM SYSTEMS**
CROSNIER Laurence, MERCATOR OCEAN, FRANCE

S5.7 - 098 **INTEGRATION OF BIOGEOCHEMISTRY AND MARINE ECOSYSTEM MODEL IN MERCATOR-OCEAN SYSTEMS**
EL MOUSSAOUI Abdelali, MERCATOR-OCEAN, FRANCE

S5.8 - 088 **THE BLUELINK ANALYSIS AND RE-ANALYSIS SYSTEMS AT WORK IN AUSTRALIA**
GRIFFIN David, CAHILL Madeleine, OKE Peter, RIDGWAY Ken, SCHILLER Andreas,
CENTRE FOR AUSTRALIAN WEATHER AND CLIMATE RESEARCH, AUSTRALIA

S5.9 - 129 **IMPACT OF GODAE PRODUCTS ON INITIALIZING OCEAN MODELS FOR HURRICANE PREDICTION**
HALLIWELL George, SHAY Nick, BREWSTER Jodi, UNIVERSITY OF MIAMI - RSMAS, USA
TEAGUE William, NAVAL RESEARCH LABORATORY, USA

S5.10 - 032 **DEVELOPMENT OF A REGIONAL OCEAN REANALYSIS SYSTEM IN THE CHINA SEAS**
HAN Guijun, LI Wei, ZHANG Xuefeng, LI Dong, HE Zhongjie, WANG Xidong, WU Xinrong, MA Jirui,
NATIONAL MARINE DATA AND INFORMATION SERVICE, CHINA

S5.11 - 035 **APPLICATION OF OCEAN REANALYSIS TO THE DIAGNOSIS OF TWO PELAGIC SQUID STOCKS**
IGARASHI Hiromichi, JAMSTEC, JAPAN
AWAJI Toshiyuki, KYOTO UNIV, JAMSTEC, JAPAN
TOYODA Takahiro, MASUDA Shuhei, SUGIURA Nozomi, SASAKI Yuji, FRCGC/JAMSTEC, JAPAN
ICHII Taro, AKIYAMA Hideki, SNFRI/FRA, JAPAN
HATAKEYAMA Kiyoshi, JAMSTEC, JAPAN
SAITOH Sei-ichi, LAMER/ HOKKAIDO UNIV., JAPAN

S5.12 - 090 **Nowcasting/Forecasting system of the ocean circulation off Rokkasho village**
IN Teiji, JAPAN MARINE SCIENCE FOUDATION, JAPAN
ISHIKAWA Yoichi, KYOTO UNIVERSITY, JAPAN
SHIMA Shigeki, NAKAYAMA Tomoharu, JAPAN MARINE SCIENCE FOUDATION, JAPAN
AWAJI Toshiyuki, KYOTO UNIVERSITY, JAPAN
KOBAYASHI Takuya, KAWAMURA Hideyuki, TOGAWA Orihiko, JAPAN ATOMIC ENERGY AGENCY, JAPAN

S5.13 - 080 **IMPACT OF 4D-VAR ASSIMILATION PRODUCTS ON BIO-GEOCHEMICAL SIMULATION**
ISHIKAWA Yoichi, AWAJI Toshiyuki, KYOTO UNIVERSITY, JAPAN
IGARASHI Hiromichi, MASUDA Shuhei, SUGIURA Nozomi, TOYODA Takahiro, SASAKI Yuji, JAMSTEC, JAPAN

S5.14 - 110 **SOAP-3: A NEW OPERATIONAL OCEANIC FORECAST SYSTEM FOR THE FRENCH NAVY**
JOURDAN Didier, SHOM, FRANCE

S5.15 - 009 **GODAE BOUNDARY CONDITION EFFECTS ON THE MODELING OF BIOPHYSICAL COASTAL PROCESSES AROUND THE FLORIDA KEYS REEF TRACT**
KOURAFALOU Villy, KANG HeeSook, PARIS Claire, RSMAS/UNIVERSITY OF MIAMI, USA
HU Chuanmin, IMARS/UNIVERSITY OF SOUTH FLORIDA, USA
HOGAN Patrick, NAVAL RESEARCH LAB, USA
SMEDSTAD Ole-Martin, QINETIQ NORTH AMERICA, TECHNOLOGY SOLUTIONS GROUP, USA

S5.16 - 042 **Forcing an oil spill drift model with high resolution Mercator Ocean forecasting system in the Mediterranean Sea**
LAW CHUNE Stéphane, DRILLET Yann, MERCATOR-OCEAN, FRANCE
DANIEL Pierre, METEO-FRANCE, FRANCE
DE MEY Pierre, LEGOS CNRS, FRANCE

S5.17 - 033 **CLIMATE VARIABILITY OF NORTH PACIFIC INTERMIDIATE WATER ANALYZED WITH OCEAN REANALYSIS DATA OF MOVE/MRI.COM**
MATSUMOTO Satoshi, METEOROLOGICAL RESEARCH INSTITUE, JAPAN
NAKANO Toshiya, JAPAN METEOROLOGICAL AGENCY, JAPAN
FUJII Yosuke, YASUDA Tamaki, KAMACHI Masafumi, METEOROLOGICAL RESEARCH INSTITUE, JAPAN

S5.18 - 139 **EASTERN TROPICAL PACIFIC DATA ASSIMILATION EXPERIMENTS USING ROMS**
MUÑOZ Ángel G., CENTRO DE MODELADO CIENTÍFICO (CMC), VENEZUELA

S5.19 - 014 **Reanalysis of extreme oceanic events in the Tasman Sea**
OKE Peter, GRIFFIN David, CSIRO, AUSTRALIA

S5.20 - 159 **Development of the data assimilation system for the Bering Sea**
PANTELEEV Gleb, INTERNATIONAL ARCTIC RESEARCH CENTER, USA
NECHAEV Dmitri, UNIVERSITY OF SOUTHERN MISSISSIPPI, USA
LUCHIN Vladimir, FAR EASTERN BRANCH OF RUSSIAN ACADEMY OF SCIENCE, RUSSIA
STABENO Phyllis, PMEL NOAA, USA

S5.21 - 160 **Reconstruction of the circulation in the Chukchi Sea**
PANTELEEV Gleb, INTERNATIONAL ARCTIC RESEARCH CENTER, USA
NECHAEV Dmitri, STENNIS SPACE CENTER, USA
PANTELEEVA Ekaterina, MOSCOW STATE UNIVERSITY, RUSSIA

S5.22 - 056 **Seasonal surface circulation of south Indian Ocean derived by Combining Drifter and Satellite observations during 1994 -2004**
PETER Benny, COCHIN UNIVERSITY, INDIA

S5.23 - 123 **The GMAO Ensemble Kalman Filter and its use in Seasonal Forecasts**
RIENECKER Michele, KOVACH Robin, KEPPENNE Christian, NASA/GODDARD SPACE FLIGHT CENTER, USA

S5.24 - 089 **The ENSEMBLES ocean reanalysis and forecast database for seasonal to decadal climate variability and predictability studies**
ROGEL Philippe, CERFACS, FRANCE
DOBLAS-REYES Francisco J, ECMWF, UK

S5.25 - 013 **ON THE USE OF GODAE AND SATELLITE PRODUCTS TO IMPROVE COASTAL SIMULATIONS ON THE NORTHERN GULF OF MEXICO**
SCHILLER Rafael, KOURAFALOU Villy, UNIVERSITY OF MIAMI - RSMAS, USA
PATRICK Hogan, NAVAL RESEARCH LABORATORY, USA
SMEDSTAD Ole, QINETIQ NORTH AMERICA, USA
GONI Gustavo, NOAA - AOML, USA

S5.26 - 092 **ASSIMILATION OF TEMPERATURE IN THE NORTHWEST PACIFIC OCEAN MODEL USING THE ENSEMBLE KALMAN FILTER**
SEO Gwang Ho, CHONNAM NATIONAL UNIVERSITY, KOREA

CHOI Byoung-Ju , KUNSAN NATIONAL UNIVERSITY, KOREA
CHO Yang-Ki , CHONNAM NATIONAL UNIVERSITY, KOREA
KIM Sangil, OREGON STATE UNIVERSITY, USA
KIM Young-Ho, COASTAL ENGINEERING RESEARCH DEPARTMENT, KOREA
KIM Chang Sin, CHONNAM NATIONAL UNIVERSITY, KOREA

S5.27 - 034 **Operational Ocean Data Assimilation System for Monitoring ENSO at Japan Meteorological Agency**
SOGA Taizo, JAPAN METEOROLOGICAL AGENCY, JAPAN

S5.28 - 176 **Variations in the Malvinas current transport**
SPADONE Aurélie, PROVOST Christine, LOCEAN/IPSL, France

S5.29 - 182 **Shelf Seas nowcasting and forecasting using the NEMO model**
STORKEY Dave, PROUDMAN OCEANOGRAPHY LABORATOR (POL), UK
O'DEA Enda, PROUDMAN OCEANOGRAPHY LABORATORY COASTAL OCEAN MOD, UK
HOLT Jason, HYDER Pat, PROUDMAN OCEANOGRAPHY LABORATOR (POL), UK

S5.30 - 037 **A GLOBAL 4D-VAR DATA ASSIMILATION EXPERIMENT WITH A FULLY COUPLED GCM**
SUGIURA Nozomi, AWAJI Toshiyuki, KYOTO UNIV, JAMSTEC, JAPAN
MASUDA Shuhei, MOCHIZUKI Takashi, TOYODA Takahiro, IGARASHI Hiromichi, MIYAMA Toru, JAMSTEC, JAPAN

S5.31 - 152 **Assessing the contributions to recent sea level change by combining altimetric data and a global ocean model**
TRUMM Florian, WENZEL Manfred, SCHROETER Jens, ALFRED WEGENER INSTITUTE, GERMANY

S5.32 - 059 **Seasonal ensemble EnOI experiment in Pacific by using HYCOM**
WAN Liying, NATIONAL MARINE ENVIRONMENT FORECASTING CENTER, CHINA

S5.33 - 049 **DESIGN ASSESSMENT OF AN ON GOING IN-SITU OCEAN OBSERVING SYSTEM IN CHINESE MARGINAL SEAS**
WANG RUIWEN, ZHU Jiang, XIAO Yiguo, INSTITUTE OF ATMOSPHERIC PHYSICS (IAP), CAS, CHINA

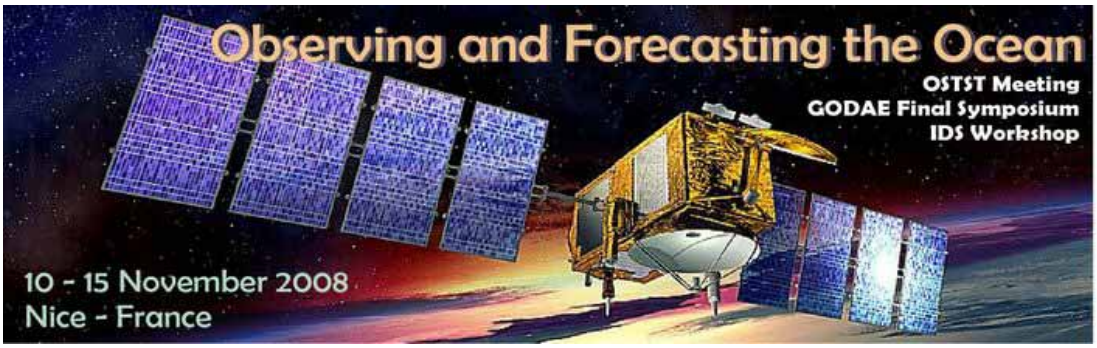
S5.34 - 071 **OPERATIONAL FORCASTING SYSTEM OF THE JAPAN SEA FOR FISHERY ENVIRONMENTS**
WATANABE Tatsuro, JAPAN SEA NATIONAL FISHERIES RESEARCH INSTITUTE, JAPAN
TAKAYAMA Katsumi, KYUSHU UNIVERSITY, JAPAN
SIMIZU Daisuke, JAPAN SEA NATIONAL FISHERIES RESEARCH INSTITUTE, JAPAN
HIROSE Naoki, KYUSHU UNIVERSITY, JAPAN

S5.35 - 057 **Meteorological impact of regional ocean data assimilation: benefit of eddy-resolving SST estimates**
YAMAMOTO Masaru, HIROSE Naoki, KYUSHU UNIVERSITY, JAPAN

S5.36 - 045 **IMPACT OF INITIAL OCEAN SURFACE AND SUBSURFACE STATES ON 1997, 2002, AND 2006 EL NIÑO PREDICTIONS**
ZHENG Fei, ZHU Jiang, INSTITUTE OF ATMOSPHERIC PHYSICS (IAP), CAS, CHINA

Session 6 - The future of GODAE

S6.1 - 091 **DATA ASSIMILATION RESEARCH OF THE EAST ASIAN MARINE SYSTEM: PRELIMINARY RESULTS**
HIROSE Naoki, MOON Jae-Hong, KYUSHU UNIVERSITY, JAPAN
KAWAMURA Hideyuki, JAPAN ATOMIC ENERGY AGENCY, JAPAN
OKEI Noriyuki, ISHIKAWA PREFECTURE FISHERIES RESEARCH CENTER, JAPAN



IDS Workshop 12-14 November 2008

INTERNATIONAL DORIS SERVICE

IDS

Programme

Wednesday 12 November 2008		
10:30 - 12:30	**Registration and posters setup**	
12:30 - 14:00	**Lunch**	
14:00 - 15:45	**Session 1 - Doris System** ◎ Room 1 **Chairpersons: Franck Lemoine** (NASA/GSFC), **Gilles Tavernier** (CNES)	
14:00 - 14:15	DORIS system status and future missions	P. Ferrage (CNES)
14:15 - 14:45	DORIS System : the new age	A. Auriol (CNES)
14:45 - 15:15	DORIS / Jason-2 : less than 10cm centimeters orbits soon available for Near-Real-Time Altimetry	C. Jayles (CNES)
15:15 - 15:45	DORIS network 2008 status report	H. Fagard (IGN)
15:45 - 16:15	**Coffee break**	
16:15 - 17:30	**Session 2 - Doris System / IDS organization** ◎ Room 1 **Chairpersons: Franck Lemoine** (NASA/GSFC), **Pascale Ferrage** (CNES)	
16:15 - 16:35	Impact of ground antennas environment on the on-board received power and Doppler residuals	P. Yaya (CLS)
16:35 - 16:55	Jason 2 Doris Measurements	F. Mercier (CNES)
16:55 - 17:10	IDS status report	G. Tavernier (CNES)
17:10 - 17:30	IDS Inter-Center Analyses and Comparisons for ITRF2008	F. Lemoine (NASA/GSFC)
18:30	**Pick up at venue - bus to Gala Dinner in Monaco**	
19:30 - 23:30	**Gala Dinner in Monaco**	

Thursday 13 November 2008		
08:30 - 10:30	**Session 3 - Analysis Centers** ◎ Room 1 **Chairpersons: L. Soudarin** (CLS), **P. Willis** (IGN)	
08:30 - 09:00	Operational IDS combinations in preparation for the next ITRF	J.J. Valette (CLS)
09:00 - 09:20	CNES/CLS analysis center: status report	L. Soudarin (CLS)
09:20 - 09:45	Current Activities of GOP DORIS Analysis Centre	P. Stepanek (GOP)
09:45 - 10:10	ESOC IDS (Re-) processing	M. Otten (ESOC)
10:10 - 10:30	GSFC/NASA Doris contribution to ITRF2008	K. Le Bail (GEST/UMBC/NASA, GRGS)
10:30 - 11:00	**Coffee break**	
11:00 - 12:30	**Session 4 - Analysis Centers / Geodesy** ◎ Room 1 **Chairpersons: M. Otten** (ESOC), **P. Stepanek** (GOP)	
11:00 - 11:15	Towards ITRF2008: Status of DORIS Data Processing at Geoscience Australia	R. Govind (Geoscience Australia)
11:15 - 11:35	DORIS Processing at Newcastle University: Contribution to ITRF2008	P. Moore (Newcastle university)
11:35 - 11:55	Estimating DORIS drag coefficients: toward an optimum IDS analysis strategy?	M.L. Gobinddass (IPGP)
11:55 - 12:10	DORIS weekly station position time series. Status before ITRF2008 analysis	X. Collilieux (IGN)
12:10 - 12:30	The Geodetic Reference Antenna in Space (GRASP) Mission Concept	Y. Bar-Server (JPL)
12:30 - 14:00	**Lunch**	
14:00 - 15:15	**Session 5 - Round table: preparation of ITRF2008 and orbit combination activity** ◎ Room 1 **Chairpersons: F. Lemoine** (NASA/GSFC), **JJ Valette** (CLS)	
	• ESOC M. Otten • Geoscience Australia R. Govind • GOP P. Stepanek • IGN/IPGP P. Willis • INASAN S. Kuzin • CNES/CLS L. Soudarin • NASA/GSFC F. Lemoine • IDS Combination center JJ. Valette	
15:15 - 15:45	**Coffee break**	
15:45 - 17:00	**Session 6 - Posters** ◎ Room 1	
	An approach to obtain a tropospheric mapping function based on ECMWF models	L. Soudarin (CLS)
	Other posters from OSTST Meeting	
17:00 - 19:00	**IDS Governing Board Meeting** ◎ Room 1	

Friday 14 November 2008		
08:30 - 09:30	**Session 7 - Precise Orbit determination / Geophysics atmospheric sciences** ◎ Room 1 **Chairpersons: J. Ries** (Texas University at Austin), **N. Zelinsky** (NASA/GSFC)	
08:30 - 09:00	DPOD2005 Performance and Impact of Modelling Improvements for TOPEX, Jason-1, and Jason-2 - ZELENSKY	N.Zelensky (NASA/GSFC)
09:00 - 09:30	GINS software evolutions for the Jason-2 data processing: RINEX and DORIS 2.2 formats	L. Soudarin (CLS)
09:30 - 10:00	**Session 8 - New DORIS applications & products** ◎ Room 1 **Chairpersons: JJ Valette** (CLS), **K. Le Bail** (GEST/UMBC/NASA, GRGS)	
09:30 - 10:00	Time Transfer by Laser Link (T2L2), first results	P. Exertier (OCA/GRGS)
10:00 - 10:30	**Coffee break**	
10:30 - 11:30	**Presentation and discussion: how to improve station disturbance detection and warning?**	Presentation: B. Nhun Fat (CLS)
11.30 - 12.30	**Workshop conclusion**	
12:30 - 14:00	**Lunch**	
14.00 - 15.45	**IDS Governing Board meeting: concluding session**	
15.45 - 16:15	**Coffee break**	

Informations pratiques

◎ Accueil

Ouverture de l'accueil et de l'enregistrement des participants :

- Dimanche 9 novembre de 16h00 à 19h30
- Lundi 10 novembre de 07h30 à 18h30
- Mardi 11 novembre de 08h00 à 19h30
- Mercredi 12 novembre de 07h30 à 18h30
- Jeudi 13 novembre de 08h00 à 19h00
- Vendredi 14 novembre de 08h00 à 18h30
- Samedi 15 novembre de 08h00 à 14h30

Messages et informations
Ils seront affichés sur un tableau situé près de l'accueil.
Les participants pourront recevoir des messages électroniques à l'adresse : contact@ostst-godae-2008.com
Tél. : +33 (0)4 93 92 82 80 - Fax : +33 (0)4 93 92 82 81

Numéros utiles

Aéroport
Tél. : 0 820 423 333
Tél. : +33 4 898 898 28 (de l'étranger si le 1er numéro n'est pas accessible)
Fax: +33 (0)4 93 21 31 47

Gare SNCF
Tél. : 36 35

Compagnie de taxi
Taxi Riviera - Tél. : +33 (0)4 93 13 78 78

◎ Déjeuners

Les déjeuners sont servis au centre de congrès dans l'espace Rhodes.
N'ont accès aux déjeuners que les personnes ayant un ticket repas.
Tous les menus sont prévus sans porc.
Il n'est pas possible d'acheter des tickets déjeuner sur place.

◎ Pauses café

Les pauses café sont servies matin et après-midi dans l'espace Rhodes.

◎ Connexions internet et Cyberspace

Le centre de congrès est équipé d'accès internet gratuit par Wifi.
Nom du site Wifi à sélectionner : OCEAN
Login : niceocean
Aucun mot de passe n'est nécessaire.

Des accès internet sont aussi disponibles dans le **Cyberspace**, qui sera équipé d'une dizaine de PC, d'une imprimante laser noir et blanc et de connexions pour des ordinateurs portables.

- Lundi 10 novembre de 08h00 à 12h30 et de 14h à 18h00
- Mardi 11 novembre de 08h00 à 12h30 et de 14h à 19h00
- Mercredi 12 novembre de 08h00 à 12h30 et de 14h à 18h00
- Jeudi 13 novembre de 08h00 à 12h30 et de 14h à 18h30
- Vendredi 14 novembre de 08h00 à 12h30 et de 14h à 18h00
- Samedi 15 novembre de 08h00 à 10h30

Practical information

◎ Welcome

Opening hours of the registration desks:

- Sunday 9 November from 16:00 to 19:30
- Monday 10 November from 07:30 to 18:30
- Tuesday 11 November from 08:00 to 19:30
- Wednesday 12 November from 07:30 to 18:30
- Thursday 13 November from 08:00 to 19:00
- Friday 14 November from 08:00 to 18:30
- Saturday 15 November from 08:00 to 14:30

Messages and information
Messages will be posted on a board near the welcome desk.
Email of the conference: contact@ostst-godae-2008.com
Phone: +33 (0)4 93 92 82 80 - Fax: +33 (0)4 93 92 82 81

Useful telephone numbers

Airport
Phone: 0 820 423 333
Phone: +33 4 898 898 28 (from foreign countries)
Fax: +33 (0)4 93 21 31 47

Railway station
Phone: 36 35

Taxi Company
Taxi Riviera - Phone: +33 (0)4 93 13 78 78

◎ Lunches

Lunches are served at the congress centre in the Espace Rhodes.
Only the persons having a meal ticket are able to access the lunches rooms. All the lunches are without pork.
Lunch tickets will not be available on site.

◎ Coffee breaks

Coffee breaks are served on morning and afternoon in the Espace Rhodes.

◎ Internet Connections and Cyberspace

The Convention Centre has free WiFi internet access.
Wifi website name: OCEAN
Login: niceocean
No need of particular password.

There is also internet access in the **Cyberspace**, which has 10 PCs, a black and white laser printer and connections for laptops.

- Monday 10 November from 08:00 to 12:30 - from 14:00 to 18:00
- Tuesday 11 November from 08:00 to 12:30 - from 14:00 to 19:00
- Wed. 12 November from 08:00 to 12:30 - from 14:00 to 18:00
- Thursday 13 November from 08:00 to 12:30 - from 14:00 to 18:30
- Friday 14 November from 08:00 to 12:30 - from 14:00 to 18:00
- Saturday 15 November from 08:00 to 10:30

◎ Salle Preview

Les présentateurs devront passer en salle Preview (située à côté de la banque d'accueil) pour tester et télécharger (via PC, USB, CD, DVD) leur fichier Power Point ou PDF au moins une demi journée avant le démarrage de la session.

- Les conférenciers présentant le matin doivent avoir téléchargé leur fichier à la Preview la veille avant 17h.
- Les conférenciers présentant l'après-midi doivent avoir téléchargé leur fichier à la Preview le jour même avant 10h.

Caractéristiques informatiques : PC, XP Pro, Pack Office 2003, Acrobat 8.
Vous pourrez modifier vos documents sur un PC de la salle Preview.

Il y aura 2 techniciens qui testeront et téléchargeront votre présentation par le réseau informatique directement sur le PC de la salle dans laquelle vous interviendrez.
Merci de noter que vous ne pourrez pas projeter directement votre présentation de votre ordinateur portable, ni utiliser une clé USB ou CD ROM ou DVD directement sur le PC de la salle dans laquelle vous interviendrez.
Chaque présentateur devra veiller à télécharger dans la salle Preview son fichier avant la session de travail.

Horaires d'ouverture de la salle Preview :

- Lundi 10 novembre de 08h00 à 18h30
- Mardi 11 novembre de 08h00 à 19h00
- Mercredi 12 novembre de 08h00 à 18h00
- Jeudi 13 novembre de 08h00 à 18h30
- Vendredi 14 novembre de 08h00 à 18h00
- Samedi 15 novembre de 08h00 à 10h00

◎ Sessions posters

3 zones distinctes sont prévues pour un affichage des posters entre le 9 et le 15 novembre.
Les posters OSTST et GODAE sont situés dans l'espace Rhodes, les posters IDS sont situés dans la salle 1.

Vous devez installer votre poster dès votre arrivée. Les posters sont disposés par session. Une personne vous guidera jusqu'à l'espace d'affichage adéquat. Le numéro du résumé correspondant figurera sur chaque côté des panneaux d'affichage.

Les auteurs sont priés de se placer à côté de leur poster, pendant les sessions prévues à cet effet, afin d'être disponibles pour les questions.
Chaque panneau poster mesure 90 cm de large 220 cm de haut (orientation portrait).
Nous vous proposons d'utiliser le **format A0 en mode portrait** pour votre poster (84 cm x 119 cm).
Les panneaux sont en mélaminé et le scotch double face (disponible sur place) ou la Patafix® sont recommandés. Faites attention à ce que vos documents ne soient pas trop lourds, évitez les feuilles plastifiées ou cartonnées. Il ne sera pas possible d'utiliser des punaises ou épingles.

◎ Preview Room

Presenters must go to the Preview room (located next to the welcome desk) to test and upload their Power Point or PDF files via PC, USB, CD or DVD, at least half a day before the start of the session.

- Delegates giving presentations in the morning must have uploaded their files to the Preview by 17:00 the previous day.
- Delegates giving presentations in the afternoon must have uploaded their files to the Preview by 10:00 the same day.

Computer Equipment Specifications: PC, XP Pro, Office Suite 2003, Acrobat 8.
You can modify your documents on a PC in the Preview room.

Two technicians will be present to test and upload your presentation via the network directly to the PC in the room where you will be giving your presentation.
Please note that you cannot project your presentation directly from your laptop, nor use a USB key, CD ROM or DVD on the PC in the presentation room.
Each presenter must oversee the uploading of his file in the Preview room before the work session.

Opening hours of the Preview Room:

- Monday 10 November from 08:00 to 18:30
- Tuesday 11 November from 08:00 to 19:00
- Wednesday 12 November from 08:00 to 18:00
- Thursday 13 November from 08:00 to 18:30
- Friday 14 November from 08:00 to 18:00
- Saturday 15 November from 08:00 to 10:00

◎ Poster sessions

There are 3 different areas available for the posters from 9 to 15 November.
The poster boards of OSTST and GODAE are located in the Espace Rhodes, the IDS poster boards are in Room 1.

You must display your poster as soon as you arrive. Posters are sorted by session. A person will guide you to your board.
Each board will be identified with the number of the abstract and session.

Authors are asked to stand by their posters during the sessions allocated for this purpose, so that they can answer questions.
Each poster board measures 90 cm wide by 220 cm high (portrait format).
We propose the **format A0** for your poster (84 cm × 119 cm).
The boards are made of melaminé, and we recommend using double-sided tape or Patafix®, available on site.

Make sure your documents are not too heavy and avoid laminated plastic or cardboard-backed sheets. You will not be able to use pins or drawing pins.

◎ Exposants / Exhibitors

Stand / booth 1	**EUMETSAT**
Stand / booth 2	**IFREMER**
Stand / booth 3	**CNES**
Stand / booth 4	**CLS**
Stand / booth 5	**NOAA**
Stand / booth 6	**MERCATOR**
Stands / booths 7 and 8	**NASA/JPL**
Stand / booth 9	**THALES ALENIA SPACE**
Stand / booth 10	**ESA**

Programme social

◎ Dimanche 9 novembre 2008

Verre de bienvenue à l'Acropolis

De 18h00 à 19h00, un verre de bienvenue est servi aux participants munis de leur badge à l'entrée de l'espace Rhodes, dans le Foyer Mykonos de l'Acropolis.

◎ Lundi 10 novembre 2008

Cocktail de bienvenue offert par la Mairie de Nice à l'Acropolis (Espace Agora 2)

De 18h30 à 19h30, un cocktail de bienvenue offert par la Mairie de Nice est servi dans l'espace Agora 2 de l'Acropolis.
Un contrôle à l'entrée étant mis en place, **les participants sont priés de porter le badge** de la conférence.

◎ Mardi 11 novembre 2008

Icebreaker à l'Acropolis

De 18h30 à 19h30, un Icebreaker sera servi dans l'espace Rhodes au cours de la session poster de l'OSTST.

◎ Mercredi 12 novembre 2008

Soirée de gala au Musée Océanographique de Monaco

Le transport des participants de Nice au Musée Océanographique de Monaco est pris en charge par les organisateurs. Des bus viendront chercher les participants au niveau du passage Méditerranée de l'Acropolis de 18h30 à 19h00 pour les conduire à Monaco, place de la Visitation à proximité du Musée.
Un contrôle à l'entrée étant mis en place, **les participants sont priés de se munir du carton d'invitation** qui leur a été remis au moment de leur enregistrement.

Pour des raisons de sécurité, l'accès au Musée Océanographique est complexe. Nous vous conseillons de vous y rendre avec les bus mis à votre disposition par les organisateurs et de ne pas utiliser votre véhicule personnel.
Les départs des navettes s'échelonneront de 22h30 à 23h30. Trois lieux centraux seront desservis : Acropolis, Place Masséna et la gare SNCF.

Musée Océanographique de Monaco
Avenue Saint-Martin - C 98000 Monaco
Tél. : + 377 93 15 36 00 - Fax : + 377 93 50 52 97
http://www.oceano.mc/

Social programme

◎ Sunday 9 November 2008

Welcome Cocktail at the Acropolis

From 18:00 to 19:00, a welcome cocktail is served to the registered participants at the entrance of the Espace Rhodes, in the Foyer Mykonos of the Acropolis.

◎ Monday 10 November 2008

Cocktail Reception offered by Nice Town Hall at the Acropolis (Agora 2 Area)

From 18:30 to 19:30, a cocktail is served to the participants in the Agora 2 Area of the Acropolis.
Please, bring your congress badge for the entrance control.

◎ Tuesday 11 November 2008

Icebreaker at the Acropolis

From 18:30 to 19:30 an Icebreaker will be served in the Espace Rhodes during the OSTST poster session.

◎ Wednesday 12 November 2008

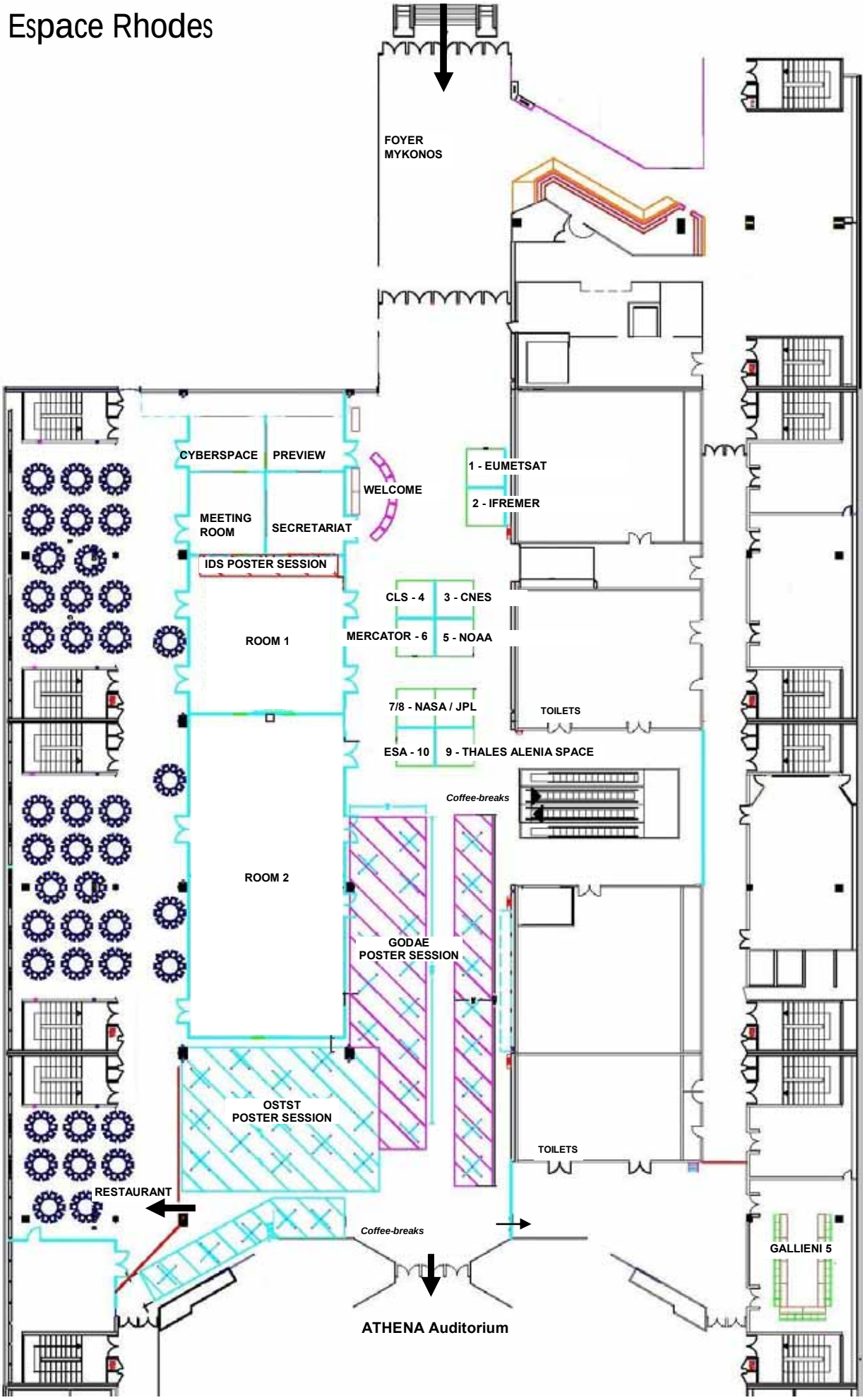
Gala dinner at the Oceanographic Museum of Monaco

Transport of the guests from Nice to the Oceanographic Museum of Monaco is organised by bus.
Departures from the congress centre in the Passage Méditerranée of the Acropolis from 18:30 to 19:00. Arrivals in Monaco, place de la Visitation, next to the Musée.
Please, take with you the Invitation card you received at the welcome desk. This card will be asked at the entrance.

For safety reasons, the access to the Oceanographic Museum is complicated. We recommend you to use the buses the organisation has booked for this transfer. Do not go with your own vehicle.
Departures from Monaco, Place de la Visitation, from 22:30 to 23:30. Buses will stop on three successive places in the centre of Nice: Acropolis, Place Massena, the railway station.

Musée Océanographique de Monaco
Avenue Saint-Martin - C 98000 Monaco
Phone: + 377 93 15 36 00 - Fax : + 377 93 50 52 97
http://www.oceano.mc/

Espace Rhodes



"Observing and Forecasting the Ocean" - Nice, 10-15 November 2008

PROGRAMME OVERVIEW

Saturday 8 November

- Exhibition set-up

Sunday 9 November

- Exhibition set-up
- Welcome
- Welcome cocktail

Monday 10 November

- Welcome
- OSTST Plenary Session
- Coffee-break
- OSTST Plenary Session
- Lunch
- OSTST Plenary Session
- Coffee-break
- OSTST Splinters
- Free time
- Cocktail Reception offered by Nice Town Hall

Tuesday 11 November

- Welcome
- OSTST Splinters
- OSTST Splinters
- Coffee-break
- OSTST Splinters
- OSTST Splinters
- Lunch
- OSTST Splinters
- OSTST Splinters
- Coffee-break and OSTST Poster Session
- OSTST Poster Session
- Tribute to Yves Ménard
- OSTST Poster Session
- Icebreaker

Wednesday 12 November

- Welcome
- OSTST Plenary Session
- Coffee-break
- OSTST Plenary Session
- Lunch
- Openning GODAE Final Symposium
- IDS Workshop
- Coffee-break
- Final GODAE Symposium Plenary Session
- IDS Workshop
- Free time
- Bus driving to the Musée Océanographique in Monaco
- GALA DINNER at the Musée Océanographique in Monaco
- Bus driving back to Nice

Thursday 13 November

- Welcome
- Final GODAE Symposium Plenary Session
- IDS Workshop
- Coffee-break
- Break time for GODAE
- Final GODAE Symposium Plenary Session
- IDS Workshop
- Lunch
- Final GODAE Symposium Plenary Session
- IDS Workshop
- Coffee-break
- Final GODAE Symposium Poster Session
- IDS Workshop
- IDS Governing Board meeting
- Argo Round Table

Friday 14 November

- Welcome
- Final GODAE Symposium Plenary Session
- IDS Workshop
- Coffee-break
- Break time for GODAE
- Final GODAE Symposium Plenary Session
- IDS Workshop
- Lunch
- Final GODAE Symposium Plenary Session
- IDS Workshop
- Coffee-break
- Final GODAE Symposium Poster Session

Saturday 15 November

- Welcome
- Final GODAE Symposium Plenary Session
- Coffee-break
- Break time for GODAE
- Final GODAE Symposium Plenary Session
- Lunch
- Exhibition and posters dismantling