

PROGRAM

OCEANOBS99

Saint Raphaël, France - 17-22 Oct. 1999

| [Monday](#) | [Tuesday](#) | [Wednesday](#) | [Thursday](#) | [Friday](#) |**[Submit Comments here please!](#)**

Monday 18 October**09h30 Monday 18 Session 1A Chair: Y. Menard (CNES)**
OPENING**10h15***10h15 The Ocean Observations Conference - Aims and Preliminary Conclusions*
Neville Smith and Chet Koblinsky (30 min) **10h45 BREAK****[Monday 18 Poster Session P1 Starts]****11h15 Monday 18 Session 1B Chair: K. Dawson (Chair GCOS SC)***11h15 Application of Seasonal-to-Interannual Predictions: a Northern Hemisphere perspective***Ants Leetmaa** et al (30 min) *11h45 Wind waves and the Global Ocean Observing System***Val Swail** et al (30 min) *12h15 The action plan for GOOS/GCOS and sustained observations for CLIVAR***George Needler** et al (20 min) **12h35 LUNCH****14h10 Monday 18 Session 1C Chair: J.-F. Minster (CNRS)***14h10 Sea surface temperature***Dick Reynolds** (30 min) ([HTML](#))*14h40 Global ocean surface vector wind observations from space***Ralph Milliff, Mike Freilich, Tim Liu, Bob Atlas and Bill Large** (30 min)*15h10 The future of surface height observations***Gary Mitchum** et al (30 min)

15h40 BREAK**16h10 Monday 18 Session 1D Chair: A. Busalacchi (NASA)**

16h10 Emerging new earth observation capabilities in the context of the ocean observing system for climate

Johnny Johannessen et al (30 min)

16h40 Space-based observations in the global ocean observing system: the operational transition issue

Alain Ratier (20 min)

17h00 Round Table 1: Towards an integrated long-term remote network
 Chair. A. Busalacchi Rapporteur: J.-L. Fellous
Members: Alain Ratier, Philippe Gaspar, Tasuku Tanaka, Bob Cheney, Johnny Johannessen, Ian Robinson, Ants Leetmaa and David Halpern

18h00 End Monday

16h00 Monday 18 Viewing Poster Session P1

18h30-19h30 Cocktail Hour (on the Plaza near the Conference Centre)

Tuesday 19 October

08h30 Tuesday 19 Session 2A. Chair: D. Evans (NOAA)

08h30 The ENSO Observing System

Mike McPhaden et al (30 min)

09h00 Argo - the global array of profiling floats

Dean Roemmich and the Argo ST (30 min)

09h30 Oceanographic time-series observatories

Uwe Send and Bob Weller et al (30 min)

10h00 Surface fluxes and surface reference sites

Peter Taylor et al (30 min)

10h30 BREAK**11h00 Tuesday 19 Session 2B. Chair: P. Dexter (WMO)**

11h00 The ice-covered polar oceans

Mark Drinkwater (20 min)

11h20 Sea surface salinity: a regional case study for the tropical Pacific

Gary Lagerloef and Thierry Delcroix (20 min)

11h40 Ocean colour

Chuck McClain (20 min)

12h00 Currents and ocean circulation

Peter Niiler (30 min)

12h30 LUNCH**14h00 Tuesday 19 Session 2C. Chair: K. Hanawa (Tohoku Univ.)**

14h00 Recent advances in interdisciplinary technologies and their potential utilization in ocean observing systems

Tommy Dickey (15 min)

14h15 The VM glider: a long-range autonomous vehicle for upper ocean profiling

Charlie Eriksen (15 min)

14h30 Oceanic boundary currents

Shiro Imawaki et al (30 min)

15h00 Observing The Ocean In The 2000's: A Strategy For The Role Of Acoustic Tomography In Ocean Climate Observation

Carl Wunsch et al (30 min)

15h30 Towards new platform technology for sustained observations

Gwynn Griffiths et al (30 min)

16h00 BREAK**16h00 Tuesday 19 Viewing Poster Session P1 continues****18h30 Tuesday 19 Session 2E. Chair: N. Smith (BMRC)**

18h30 The role of XBT sampling in the ocean thermal network

Neville Smith, Ed Harrison et al (30 min)

19h00 Round Table 2: Towards an integrated in situ network

Chair: N. Smith Rapporteur: E. Harrison

Members: M. McPhaden, U. Send, S. Rintoul, P. Taylor, D. Roemmich, P. Marchand, S. Garzoli, D. Evans

20h00 End Day 2

Wednesday 20 October
08h30 Wednesday 20 Poster Session P2 Start**08h30 Wednesday 20 Session 3A. Chair: I. Wainer (U. Sao Paulo, Brazil)**

08h30 A Southern Hemisphere Perspective: monsoon, seasonal and interannual applications of an Indian Ocean observing system

Gary Meyers et al (40 min)

09h10 The South Atlantic and climate

Edmo Campos et al (30 min)

09h40 Monitoring and understanding Southern Ocean variability and its impact on climate: a strategy for sustained observations

Steve Rintoul et al (30 min)

10h10 Interannual-to-decadal variability of the temperature-salinity structure of the

world ocean: how deep and where do we need to measure?

Sydney Levitus (30 min)

10h40 BREAK

11h10 Wednesday 20 Session 3B. Chair: W. Nowlin (Texas A&M; Chair GOOS SC)

11h10 Investigating ocean climate variability: the need for systematic hydrographic observations within CLIVAR/GOOS

John Gould and John Toole et al (30 min)

11h40 Observing tracers and the carbon cycle

Rana Fine and Liliane Merlivat et al (30 min)

12h10 Future plans for research ships in global ocean observation

Bob Knox et al (20 min)

12h30 LUNCH

14h00 Wednesday 20 Session 3C. Chair: A. Alexiou (IOC)

14h00 Essential elements of the data and information management system for the ocean observing system for climate

David Legler et al (30 min)

14h30 An Overview of The Distributed Oceanographic Data System (DODS)

Steve Hankin (30 min)

15h00 COADS enhancements and the blend with the UKMO Marine Data Bank

Scott Woodruff (15 min)

15h15 A NOAA GOOS Centre at AOML

Bob Molinari (15 min)

15h30 The dividend from investing in observations - a European perspective

Nic Flemming (30 min)

16h00 BREAK

16h00 Wednesday 20 Viewing Poster Session P2

18h30 Wednesday 20 Session 3E. Chair: M. Briscoe (ONR)

18h30 A new paradigm for oceanography

Eric Lindstrom and Mel Briscoe et al (30 min)

19h00 Round Table 3: A new era for oceanographic data sharing and availability

Chair: M. Briscoe Rapporteur: D. Legler

Members: J.-C. Andre, L. Talley, E. Itsweire, E. Lindstrom, P. Lagos et al

20h00 End Day 3

Thursday 21 October

08h30 Thursday 21 Poster Session P2 Continues

08h30 Thursday 21 Session 4A. Chair: J.-C. Andre (CERFACS)

08h30 *Global ocean modeling and state estimation in support of climate research*

Detlef Stammer et al (30 min) [Gzipped Postscript](#)

09h00 *MERCATOR: developing an integrated system for operational oceanography*

Pierre Bahurel (20 min)

09h20 *An ocean analysis system*

Andrew Bennett (20 min)

09h40 *DIADEM: A monitoring and prediction system for the North Atlantic and Nordic Seas*

Geir Evensen (20 min)

10h00 *CORIOLIS*

Philippe Marchand (15 min)

10h15 BREAK

10h45 Thursday 21 Session 4B. Chair: E. Itsweire (NSF, USA)

10h45 *High-latitude processes and the ice-covered ocean*

Howard Cattle et al (30 min)

11h15 *The shallow, intermediate and deep overturning components of the global heat budget*

Lynne Talley (15 min)

11h30 *Seasonal and interannual heat and freshwater cycles*

Jim Carton (15 min)

11h45 *The Pacific basin extended climate study*

Billy Kessler, Russ Davis, Takeuchi Kensuke and Roger Lukas (30 min)

12h15 LUNCH

13h45 Thursday 21 Session 4C. Chair: N. Pinardi (IMGA-CNR, Bologna, Italy)

13h45 *Atlantic climate variability (ACVE)*

Martin Visbeck et al (30 min)

14h15 *COSTA: A climate observing system for the tropical Atlantic*

Sylvia Garzoli et al (30 min)

14h45 *The Benguela Nino 1995 as observed from satellites*

E. Kvaleberg and T. Gammelsrød (15 min)

15h00 BREAK

15h30 Thursday 21 Viewing Poster Session P2

18h30 GALA Dinner

Friday 22 October

09h00 Friday 22 Session 5A. Chair: H. Cattle (UKMO)

09h00 *Data needs for Decadal-to-Centennial variability studies and coupled models*

Mojib Latif and Vikram Mehta et al (30 min)

09h30 *Climate change and the ocean observing system*

Jean-Francois Minster and N. Smith (30 mins)

10h00 *ENSO and seasonal forecast systems*

David Anderson et al (30 min)

10h30 BREAK

11h00 Friday 22 Session 5B. Chair: J. Verron (LEGI, Grenoble)

11h00 *Operational oceanography and prediction - a GODAE perspective*

Pierre-Yves Le Traon et al (30 min)

11h30 *Mediterranean Forecasting System Pilot Project: the implementation*

Nadia Pinardi et al (30 min)

12h00 *Partnerships for GOOS and sustained observation*

Patricio Bernal et al (15 min)

12h15 LUNCH and Poster Awards

14h00 Friday 22 Session 5C. Chair: C. Koblinsky (NASA/GSFC, USA)

14h00 *An integrated, sustained observing system*

Worth Nowlin et al (30 min)

14h30 *The Ocean Observing System for Climate: Conference Conclusions*

Neville Smith and Chet Koblinsky et al (30 min)

15h00

Round Table 4: OceanObs99: consensus and issues

Co-Chairs: C. Koblinsky and N. Smith Rapporteur: A. Alexiou

Members: W. Nowlin, D. Stammer, A. Busalacchi, N. Flemming, J.-L. Fellous, M. Jury, M. Latif

1600 Closing ceremony - Yves Menard Chair