

When	Author	Title	K - O - P
<b>Monday 3 may</b>	<b>Session : Assimilation Systems</b>	<b>Chairman : I. Fukumori</b>	
<b>10.00 - 10.40</b>	Shriver J. F., Hurlburt H.E., Smeds O.M.	A near real-time 1/32° global ocean prediction system	K
<b>10.40 - 11.05</b>	She J. and Odon Consort	Optimal Design of Observational Networks (ODON) for marine monitoring and prediction	O
<b>11.05 - 11.30</b>	Andreu-Burillo I., Annan J., Proctor R., Holt J., Prandle D.	Sea Surface Temperature assimilation in the POL Coastal Ocean Modelling System	O
<b>11.30 - 11.55</b>	Barth A., Alvera-Azcarate A., Beckers J.-M., Rixen M., Vandenbulke L., Ben Bouallegue Z.	Multigrid state vector for data assimilation in a two-way nested model of the Ligurian Sea	O
<b>11.55 - 12.15</b>	Edwards A. EU	GMES and Marine Environmental Services	O
<b>12.15 - 12.40</b>	Brasseur P. and Verron J.	A Singular Evolutive Extended Kalman filter for data assimilation in marine environment monitoring and prediction systems	O
<b>12.40 - 14.00</b>	<b>Lunch time</b>	<b>Poster display</b>	
	<b>Session : Assimilation Schemes</b>	<b>Chairman : E. Chassignet</b>	
<b>14.00 - 14.40</b>	Chassignet E. P., Hurlburt H. E., Halliwell G. R. H., Wallcraft A., Metzger J., Smedstad O.M., Lozano C., Bleck R., Thacker W., Mariano A., Chin T.M., Brasseur P., Parent L., Ngodock H.	Global Ocean Prediction with the Hybrid Coordinate Ocean Model (HYCOM)	K
<b>14.40 - 15.05</b>	Korres G., Hoteit I., Triantafyllou G.	Data Assimilation into a Princeton Ocean Model of the Mediterranean Sea using the SEEK Filter	O
<b>15.05 - 15.30</b>	Martin M., Bell M., Hines A.	Recent developments to the FOAM data assimilation system	O
<b>15.30 - 15.55</b>	Rixen M. and Coelho E.	Superensemble forecasting from atmospheric and ocean operational models using linear and non-linear statistics	O
<b>15.55 - 16.25</b>	<b>COFFEE</b>	<b>Poster display</b>	
<b>16.25 - 16.50</b>	Larsen J., She J., Hoyer J., Andreu-Burillo I.	A comparison of different SST assimilation schemes in operational modelling	O
<b>16.50 - 17.15</b>	Robert C., Blayo E., Verron J.	A reduced-order approach for 4D-var ocean data assimilation	O
<b>17.15 - 17.40</b>	Smedstad O. M., Hurlburt H.E., Wallcraft A.J., Chassignet E., Baraille	A near real-time 1/12° Atlantic HYCOM prediction system	O
<b>17.40 - 18.20</b>	De Mey P., Auclair Fr., Jordà G., Lamouroux J., Lyard F., Mangiarotti S., Marsaleix P., Mourre B., Piraud I., Estournel C., Le Provost Ch.	Data assimilation in regional and shelf seas	K
<b>18.30 - 20.00</b>	<b>COCKTAIL</b>	Hall Petits Amphithéâtres	

<b>Tuesday 4 May</b>	<b>Session : Monitoring</b>	<b>Chairman : Y. Desaubies</b>	
<b>9.00 - 9.40</b>	Bertino L., Verron J., Dombrowsky E., Schröther J.	The TOPAZ monitoring and prediction system	K
<b>9.40 - 10.05</b>	Guinehut S., Larnicol G., Le Traon P.-Y.	Combining satellite and in-situ T/S profile data to better estimate the 3D thermohaline fields	O
<b>10.05 - 10.30</b>	Huddleston M., Bell M., Martin M., Nichols N.	Assessment of wind stress errors using bias corrected ocean data assimilation	O
<b>10.30 - 11.00</b>	<b>COFFEE</b>		<b>Poster display</b>
<b>11.00 - 11.25</b>	Ingleby B. and Huddleston M.	Quality control of ocean profiles - historical and real-time data	O
<b>11.25 - 11.50</b>	Amstrup B., She J., Hoyer J. L.	Sensitivity study of the DMI-HIRLAM forecast model to SST observational networks	O
<b>11.50 - 12.15</b>	Poulain P.-M., Font J., Le Bras S.	MEDARGO: A European Profiling Float Program in the Mediterranean	O
<b>12.15 - 12.30</b>	<b>Poster session</b>		
	She J., Hoyer J. L., Buch E., Axe P.	Assessment of existing temperature and salinity monitoring network in the Baltic and North Sea	P
	Kostianoy A.G., Lebedev S.A., Litovchenko K.T., Stanichny S.V., Pichuzhkina O.	Satellite monitoring in the southeastern Baltic Sea	P
	Kostianoy A.G. and Lebedev S.A.,	Monitoring of the Caspian Sea	P
	Vladymyrov V., Lyubartsev V., Myroshnychenko V.	Integration of multidisciplinary observations data using OceanBase database management system.	P
	Zappala G., Caruso G., Crisafi E.	New Devices for Marine Monitoring and Investigations	P
	Basterretxea G., Jordi A., Orfila A., Vizoso G., Tintore J.	Spatio-temporal dynamics of the Pyrenees Front during fall (NW Mediterranean)	P
<b>12.30 - 14.00</b>	<b>Lunch time</b>		<b>Poster display</b>
<b>14.00 - 14.40</b>	<b>Session : Data analysis</b>		<b>Chairman : M. Rixen</b>
	Fukumori I.	"The ECCO Routine Global Ocean Data Assimilation System: Budget Closure and an Effective Approximate Kalman Filter and Smoother"	K
<b>14.40 - 15.05</b>	Pouliquen S., Carval T., Desaubies Y., Petit de la Villéon L., Loaec G., Gourmelen L.	CORIOLIS, a french project for in situ operational oceanography.	O
<b>15.05 - 15.30</b>	Hoyer J.L. and She J.	A multi-platform OI scheme for SST based on a spatial-temporal covariance model	O
<b>15.30 - 15.55</b>	Alvera-Azcarate A., Barth A., Rixen M., Beckers J-M.	Gappy data in oceanographic data sets. Reconstruction of SST AVHRR cloudy images of the Adriatic Sea	O
<b>15.55 - 16.25</b>	<b>COFFEE</b>		<b>Poster display</b>
<b>16.25 - 16.50</b>	Donlon C.J.	The GODAE High Resolution Sea Surface Temperature Pilot Project (GHRSSST-PP)	O
<b>16.50 - 17.15</b>	Pascual A., Larnicol G., Le Traon P.-Y.	Mesoscale Mapping Capabilities of Multi-Satellite Altimeter Missions: First Tests in the Western Mediterranean Using Near Real Time Data	O

17.15 - 17.40	Gomis D., Ruiz S., Font J.	Recovery of North-East Atlantic temperature fields from profiling floats: determination of the optimal float number from sampling and instrumental error analysis	O
17.40 - 18.00	<b>Poster Session</b>		
	Semovski S.V., Baranov E.A.	Winter survey of Lake Baikal seal. Data reanalysis using satellite data.	P
	Kouraev A.V., Semovski S.V., Mognard N.M.	Baikal lake ice cover monitoring using historical and satellite measurements	P
	Spagnoli F., Fiesoletti F., Specchiulli A., Bartholini G., Conversi A.	Coastal monitoring network of the Manfredonia Gulf (Southern Adriatic Sea): new observational techniques and instrumentations as part of a monitoring system	P
	Buongiorno Nardelli B., Cavalieri O., Santoleri R., Rio M.-H.	Reconstructing vertical profiles from surface data	P
	Borenäs K., Amstrup B., Axe P., Funkquist L., Høyer J.L., Larsen J., Loewe P., Luyten P., Olesen S.M., Proctor R., She J.	A database for the Optimum Design of Observational Networks (ODON)	P
	Dinesh kumar P.K.	Seasonal variability of tidal, non-tidal sea levels and atmospheric forcing along the west coast of India.	P
	Kouraev A.V., Zakharova E.A., Mognard N.M., Cazenave A.	Ob' river hydrological regime from satellite microwave measurements.	P
Thacker W.C., Sindlinger L.	Assimilating XBT profiles: How to handle salinity?	P	
20.00	<b>DINER</b>	<b>Château de Colonster</b>	

<b>Wednesday 5 May</b>	<b>Session : Regional systems</b>	<b>Chairman : N. Pinardi</b>	
<b>9.00 - 9.40</b>	Bahurel P., Dombrowsky E., Lellouche J.-M. and the Mercator Project Team	Mercator Ocean Monitoring and Forecasting System, near-real-time assimilation of satellite and in situ data in different operational ocean models	K
<b>9.40 - 10.05</b>	Grezio A., Pinardi N., Oddo P., Coluccelli A., Zavatarelli M.	Data Assimilation and Ocean Forecasting in the Adriatic Sea	O
<b>10.05 - 10.30</b>	Holt M. and NOOS Steering Group	Operational Ocean modelling for the NW European shelf: NOOS - the NW Shelf Operational Oceanographic System	O
<b>10.30 - 11.00</b>	<b>COFFEE</b>		<b>Poster display</b>
<b>11.00 - 11.25</b>	Fernández V., Onken R., Jordi A., Tintoré J.	Evolution of an ocean front in the north Balearic sub-basin	O
<b>11.25 - 11.50</b>	Comerma E., Espino M., Arcilla A.	Implementation of a Regional Forecasting Pollutant Drift System in the Catalan Shelf zone	O
<b>11.50 - 12.15</b>	Lermusiaux P.F.J., Leslie W.G., Evangelinos C., Haley P.J., Logoutov O., Moreno P., Robinson A.R., Cossarini G., San Liang X., Majumdar S.	AOSN-II in Monterey Bay: Real-time error predictions, data assimilation, adaptive sampling and dynamics	O
	<b>Poster Session</b>		
<b>12.15 - 12.30</b>	She J., Olsen S.M., Larsen J.	Some key issues in operational ocean modelling in the Baltic-North Sea	P
	Dupont F. and Greenberg D.	Tidal assimilation in the Canadian Arctic Archipelago	P
	Kontar E.A., Shapiro G.I., Lobkovsky L.I.	Influence of submarine groundwater discharge on the parameters of coastal waters	P
<b>12.30 - 14.00</b>	<b>Lunch time</b>		<b>Poster display</b>
	<b>Session : Nesting</b>		<b>Chairman : J.-M. Beckers</b>
<b>14.00 - 14.40</b>	Bell M., Barciela R., Hines A., Martin M., Sellar A., Storkey D.	The Forecasting Ocean Assimilation (FOAM) system	K
<b>14.40 - 15.05</b>	Garnier V., Andre G., Garreau P.	Monitoring of the Coastal Circulation in the Northern Part of the Western Mediterranean Sea using nested models.	O
<b>15.05 - 15.30</b>	Taillandier V. and Devenon J.-L.	Assessment of a 4DVAR approach controlling the regional circulation influence on the Gulf of Lions shelf	O
<b>15.30 - 16.00</b>	<b>COFFEE</b>		<b>Poster display</b>
<b>16.00 - 16.25</b>	Blayo E.	Revisiting open boundary conditions	O
<b>16.25 - 16.50</b>	Chu P. C. and Chin-Lung F.	Predictability of Japan/East Sea (JES) system to uncertain initial/lateral boundary conditions and surface winds	O
<b>16.50 - 17.15</b>	Vandenbulcke L., Barth A., Alvera-Alcazarate A., Ben Bouallegue Z., Rixen M., Beckers J.-M.	Data assimilation in nested-grid models	O
<b>17.15 - 17.40</b>	Debreu L., Vouland C., Blayo E.	Local mesh refinement with the AGRIF software. Applications to ocean modelling	O
	<b>Poster session</b>		
<b>17.40 - 18.15</b>	Lea D.J., Haine Th.W.N., Gasparovic R.F.	Eddy-resolving data assimilation in the Irminger Sea: Controllability and observability	P
	Chu P.C. and Chenwu F.	Finite Volume Coastal Ocean Model	P
	Ben Bouallegue Z., Alvera-Azcarate A., Vandenbulcke L., Barth A., Rixen M., Beckers J.-M.	A system evolution decomposition method : Application to the assessment of an operational forecasting system	P

<b>Thursday 6 May</b>	<b>Session : Regional systems</b>	<b>Chairman : M. Bell</b>	
<b>9.00 - 9.40</b>	Pinardi N., Dobricic S., Tonani M., Fratianni C., Adani M., Bonazzi A.	The Mediterranean ocean Forecasting System: operational data assimilation and predictability studies	K
<b>9.40 - 10.05</b>	Brenner S., Gertman I., Murashovsky A.	Operational forecasting in the southeastern Levantine Basin: Model implementation, evaluation, and the selection of atmospheric forcing.	O
<b>10.05 - 10.30</b>	Fernandes R., Leitão P., Canas A., Neves R., Braunchweig F., Pina P., Delgado Domingos J.J.	A Observing and Forecast System of Hydrodynamic Properties and Water Quality for the Tagus Estuary	O
<b>10.30 - 11.00</b>	<b>COFFEE</b>	<b>Poster display</b>	
<b>11.00 - 11.20</b>	Nerger L., Danilov S., Kivman G., Hiller W., Schröter J.	Data Assimilation with the Ensemble Kalman Filter and the SEIK Filter applied to a Finite Element Model of the North Atlantic	O
<b>11.20 - 11.40</b>	Tapani S., Westerlund A., Lehtiranta J.	What drives harmful cyanobacterial blooms? Results from ecosystem prediction experiments in cold, brackish seas	O
<b>11.40 - 12.00</b>	Gavart M., Assenbaum M., Baraille R.	Regional Modelling for the POMME Experiment : an Openboundary Implementation of HYCOM with Data Assimilation for Process Studies and Operational Ocean Forecasting	O
<b>12.00 - 12.20</b>	Giraud Saint-Albin S. and Jourdan D.	An intercomparison study between soap P2 and Mercator for navy end-users applications	O
<b>12.20 - 12.30</b>	<b>Poster Session</b>		
	Orfila A., Alvarez A., Basterretxea G., Fornes A., Tintore J.	Forecasting front displacements in the Northern Balearic Sea with a satellite based ocean forecasting (SOFT) system	P
	Larsen J., She J., Hoyer J., Amstrup B.	Evaluation of SST observational networks for the North Sea/Baltic Sea operational modelling	P
	Gozzini B., Ortolani A., Brandini C., Giuliani G., Orlandi A., De Hautecloque B., Micallef A., Rymmel M.	Operational systems and research improvement for monitoring Mediterranean Pollution: from RAMSES to CLEOPATRA	P
	Doukakis E.	Remarks on the coastal vulnerability index	P
	Melentyev V.V., Bobylev L.P., Petterson L.H., Chernook V.I.	Dangerous ice phenomena and winter hydrology of the marginal Arctic seas, rivers and estuaries operational monitoring with using integrated satellite technologies	P
	Bolaños-Sanchez R., Cateura J., Sanchez-Arcilla A.	Evaluation of two atmospheric models applied to wave forecasting in the NW-Mediterranean	P
<b>12.30 - 14.00</b>	<b>Lunch time</b>	<b>Poster display</b>	
<b>14.00 - 14.40</b>	<b>Session : Quality assessment</b>		<b>Chairman : N. Smith</b>
	Le Provost C., Bahurel P., Bell M., Bertino L., Blanc F., Chassignet E., Coppini G., Crosnier L., Dombrosky L., Fratianni C., Hurlurt H., Le Traon P.-Y., Lisaeter K. A., Liu C.L., Pinardi N.	GODAE Atlantic and Mediterranean Sea Prototype Project (G-A&MPP) An Intercomparison of Five Forecasting Systems	K
	Chu P. C. and L. M. Ivanov	How long can an ocean model predict?	O
	Hines A., Martin M., Bell M.	The impact of Argo and altimeter data on the FOAM system	O
	Skliris N., Sofianos S., Lascaratos A.	Past and future changes in the Mediterranean "climate" in relation to changes in the freshwater budget: a numerical modelling study	O

15.55 - 16.25	COFFEE	Poster display				
16.25 - 16.50	Siddorn J.R., Holt M.W., Osborne J.P.	Nowcast Modelling the Hydrodynamics and Ecosystem Function of the NW European Shelf Seas	O			
16.50 - 17.15	Etienne H.and Benkiran M.	Forecast error study for the MERCATOR assimilation system: Estimation of the Fully Multivariate Multi-data Assimilation parameters.	O			
<b>Poster Session</b>						
17.15 - 18.00				Danilov S., Kivman G., Schröter J.	A Finite Element Ocean Model: application to data assimilation in the North Atlantic	P
				Castro M. J., Gonzalez-Vida J. M., Macias J., Pares C.	Simulation of tidally-induced currents in the Strait of Gibraltar	P
				Pierini S., Ferretti R., Veneziani C., Visconti G.	Eulerian and Lagrangian model studies of a marine coastal environment (Gulf of Naples, Tyrrhenian Sea)	P
				Timchenko I.E. and E.M.Igumnova	Systemic Paradigm in Marine Environmental Prediction	P
				Brandini C., Giuliani G., Gozzini B., Guerrizio S., Orlandi A., Ortolani A.	Examining air-sea interfacing in environmental monitoring/forecasting systems	P
				Kliem N., Huess V., Woge Nielsen J.	Intercomparison and validation of irregular mesh storm surge models	P
				She J. and Jorgensen J.B.	Influence of bathymetry averaging in simulating Baltic-North Sea water exchange	P
				Alvera-Azcarate A., Barth A., Benbouallegue Z., Vandenbulcke L., Rixen M., Beckers J.-M.	Forecast Verification of a 3D model of the Ligurian Sea. The use of Discrete Wavelet Transforms in the skill assessment of spatial forecasts	P
				Griffa A., Piterbarg L.I., Ozgokmen T.M.	Predictability of Lagrangian particle trajectories: effects of uncertainty in the underlying Eulerian flow	P

<b>Friday 7 May</b>	<b>Session : Assimilation studies</b>	<b>Chairman : J. Verron</b>	
<b>9.00 - 9.40</b>	Testut C.-E., Tranchant B., Brasseur P., De Mey P.	Recent developments of the MERCATOR Assimilation System (SAM): towards the SEEK filter	K
<b>9.40 - 10.00</b>	Debost F., Brankart J.M., Brasseur P., Verron J.	Monitoring the mesoscale ocean circulation with multi-satellite altimetric missions: a data-assimilation study	O
<b>10.00 - 10.20</b>	Demirov E., Lu Y, Thompson K., Wright D.	Hindcasts of North Atlantic circulation, 1991 to 2000: Preliminary results from a prototype Canadian operational ocean forecast system	O
<b>10.20 - 10.40</b>	<b>COFFEE</b>	<b>Poster display</b>	
<b>10.40 - 11.00</b>	Hoteit I., Cornuelle B., Kohl A.	Variational Data Assimilation with an Eddy-Resolving Model of the Tropical Pacific Ocean	O
<b>11.20 - 11.40</b>	Chu P.C. and Chenwu F.	Adaptation of Global Volume Transport for Coastal Ocean Models	O
<b>11.40 - 12.00</b>	Parent L., Jacobs G., Brasse P.	A reduced order Kalman filter to assimilate along track altimetric observations and sea surface temperature with the HYCOM model	O
<b>12.00 - 12.20</b>	Rio M-H, Lemoine J-M, Hernandez F.	Combined use of altimetry, in-situ measurements and a geoid model to estimate a global mean dynamic topography impact of grace and goce data.	O
<b>12.20 - 12.30</b>	Molcard A., Ozgokmen T.M., Griffa A., Piterberg L.	Lagrangian Data Assimilation in Multi-Layer Primitive Equation Ocean Models	P
<b>12.30 - 14.00</b>	<b>Lunch time</b>	<b>Poster display</b>	
	<b>Session : Biogeochemical applications</b>	<b>Chairman : J. Nihoul</b>	
<b>14.00 - 14.40</b>	Mersea Consortium	The Mersea Project : development of a European system for operational monitoring and forecasting of the ocean physics, biogeochemistry and ecosystems, on global and regional scales.	K
<b>14.40 - 15.05</b>	Churilova T., Suslin V., Berseneva G., Georgieva L.	Bio-optical Monitoring in the Black Sea	O
<b>15.05 - 15.30</b>			O
<b>15.30 - 15.55</b>	Huret M., Gohin F., Garcon V.	Assimilation of "Ocean Color" data into a coupled 3-D hydrodynamical-ecological model of the Bay of Biscay continental shelf	O
<b>15.55 - 16.25</b>	<b>COFFEE</b>	<b>Poster display</b>	
<b>16.25 - 16.50</b>	Stanichnaya R.R., Stanichny S.V., Soloviev D.M., Davidov A.	Satellite monitoring of Upwellings in the Black Sea.	O
<b>16.50 - 17.10</b>	Barciela R. M., Bell M., Hemmings J., Spall S., Totterdell I.	Towards a biogeochemical model of the ocean for monitoring air-sea fluxes of CO2 in near-real-time using earth observation data	O
<b>17.10 - 17.30</b>	Cossarini G., Lermusiaux P., Solidoro C.	Using Data Assimilation for investigating the spatial and temporal variability of the trophic state in the Venice Lagoon.	O

<b>Poster Session</b>			
<b>17.30 - 18.30</b>	Galmiche M., Sommerai J., Thivolle-Cazart E., Verron J.	Data assimilation used in numerical simulations of laboratory experiments in a rotating stratified fluid	P
	Ferry N., Rémy E., Brasseur P., De Mey P.	The MERCATOR global ocean operational forecasting systems: first evaluation	P
	Berline L., Brasseur P., Verron J.	Impact of SSH, SST and SSS data assimilation in a coupled physical-biogeochemical model of the North Atlantic	P
	Mathieu P.-Ph.	ESA and Earth Observation	P
	Suslin V., Churilova T., Korolev S., Kucheryavy A.	Chlorophyll a concentration and coloured dissolved organic matter: retrieval by SeaWiFS level 2 standard products in deep part of the Black Sea	P
	Konovalov S., Ivanov M., Lein A., Mitropolsky, Wehrli	Methane Budget for the oxic/anoxic water column of the Black Sea: data synthesis, parameterisation of biochemical transformations, numerical simulation	P
	Kelly-Gerreyn B.A., Hydes D.J., Qurban M.A., Hartman S.U., Mottram G., Miller	Coupled "Ferry-Box" Ship of Opportunity and satellite data system to study plankton succession across the European Shelf Sea and Atlantic Ocean	P
	Schiettecatte L.-S., Borges A.V., Frankignoulle M.	Inorganic Carbon Cycle in the Inner Scheldt Estuary	P
	Jędrzejczak M.F. and Weslawski J. M.	Modelling sandhopper ( <i>Talitrus saltator</i> , Montague 1808) trophic dynamics on a sandy beach: How do we measure the interactions amongst species in real ecosystem?	P
	Dadolahi-Sohrab A., Savari A., Omar H., Ismail A., Kusnan M.	Biomonitoring with seaweed and direct assay of heavy metals in seawater and sediment of the Kish Island coast (northeastern of the Persian gulf)	P
	Vanhoutte-Brunier A., Gohin F., Cugier P., Dumas F., Ménesguen A.	Modelling harmful algal events in the English Channel applied to the bloom of <i>Karenia mikitoi</i> that occurred during the summer 2003	P
	Raick C., Delhez E. J.M., Soetaert K., Gregoire M.	Study of the biogeochemical processes in the Ligurian Sea using a 1D mathematical model	P