Date	Time	Author	Title	K - O - P
Monday 3 May	**Session : Assimilation Systems**		**Chairman : Fukumori**	
	10.00 - 10.40	Shriver J. F., H.E. Hurlburt, O.M. Smeds	A near real-time 1/32° global ocean prediction system	K
	10.40 - 11.05	She J. and Odon Consort	Optimal Design of Observational Networks (ODON) for marine monitoring and prediction	O
	11.05 - 11.30	Andreu-Burillo I., J. Annan, R. Proctor, J. Holt and D. Prandle	Sea Surface Temperature assimilation in the POL Coastal Ocean Modelling System	O
	11.30 - 11.55	Barth A., A.Alvera-Azcarate, J-M. Beckers, M.Rixen, L.Vandenbulke and Z. Ben Bouallegue	Multigrid state vector for data assimilation in a two-way nested model of the Ligurian Sea	O
	11.55 - 12.10	**EU SPEAKER**	**OFFICIAL SPEECH**	O
	12.10 - 12.35	Testut Charles-Emmanuel, Benoit Tranchant, Pierre Brasseur and Pierre De Mey	Recent developments of the MERCATOR Assimilation System (SAM): towards the SEEK filter	O
	12.35 - 14.00	**LUNCH**	**Poster display**	
	Session : Assimilation Schemes		**Chairman : Chassignet**	
	14.00 - 14.40	Chassignet E. P., H. E. Hurlburt, G. R. H. Halliwell, A. Wallcraft, J. Metzger, O. M. Smedstad, C. Lozano, R. Bleck, C. Thacker, A. Mariano, T. M. Chin, P. Brasseur, L. Parent, H. Ngodock	Global Ocean Prediction with the Hybrid Coordinate Ocean Model (HYCOM)	K
	14.40 - 15.05	Korres G., I. Hoteit and G. Triantafyllou	Data Assimilation into a Princeton Ocean Model of the Mediterranean Sea using the SEEK Filter	O
	15.05 - 15.30	Martin Matt, Mike Bell and Adrian Hines	Recent developments to the FOAM data assimilation system	O
	15.30 - 15.55	Rixen M. and E. Coelho	Superensemble forecasting from atmospheric and ocean operational models using linear and non-linear statistics	O
	15.55 - 16.25	**COFFEE**	**Poster display**	
	16.25 - 16.50	Larsen J., J. She, J. Hoyer and I. Andreu-Burillo	A comparison of different SST assimilation schemes in operational modelling	O
	16.50 - 17.15	Robert C., E. Blayo and J. Verron	A reduced-order approach for 4D-var ocean data assimilation	O
	17.15 - 17.40	Smedstad O. M., H.E.Hurlburt, A.J.Wallcraft, E.Chassignet and Baraille	A near real-time 1/12° Atlantic HYCOM prediction system	O
	17.40 - 18.20	De Mey Pierre, Francis Auclair, Gabriel Jordà, Julien Lamouroux, Florent Lyard, Sylvain Mangiarotti, Patrick Marsaleix, Baptiste Mourre, Ivane Pairaud, Claude Estournel, Christian Le Provost	Data assimilation in regional and shelf seas	K
	18.30 - 20.00	**COCKTAIL**		

Tuesday 4 May	Session : Monitoring		Chairman : Desaubies	
9.00 - 9.40	Bertino L., J.Verron, E. Dombrowsky, J. Schrother	The TOPAZ monitoring and prediction system		K
9.40 - 10.05	Guinehut Stephanie, Gilles Larnicol, Pierre-Yves Le Traon	Combining satellite and in-situ T/S profile data to better estimate the 3D thermohaline fields		O
10.05 - 10.30	Huddleston et al	Assessment of wind stress errors using bias corrected ocean data assimilation		O
10.30 - 11.00	**COFFEE**	**Poster display**		
11.00 - 11.25	Ingleby and Huddleston	Quality control of ocean profiles - historical and real-time data		O
11.25 - 11.50	Amstrup B., J.She, J.L.Hoyer	Sensitivity study of the DMI-HIRLAM forecast model to SST observational networks		O
11.50 - 12.15	Poulain Pierre-Marie, Jordi Font and Sylvie Le Bras	MEDARGO: A European Profiling Float Program in the Mediterranean		O
	Poster Session			
12.15 - 12.30	She J., J.L.Hoyer, E.Buch, P.Axe	Assessment of existing temperature and		P
	Kostianoy AG, Lebedev SA, Litovchenko KT, Stanichny SV and Pichuzhkina O	Satellite monitoring in the southeastern Baltic Sea		P
	Kostianoy AG and Lebedev SA,	Monitoring of the Caspian Sea		P
	Vladymyrov V., Lyubartsev V., Myroshnychenko V.	Integration of multidisciplinary observations data using OceanBase database management system.		P
	Zappala Giuseppe, Gabriella Caruso and Ermanno Crisafi	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
12.30 - 14.00	**LUNCH**	**Poster display**		
	Session : Data analysis		Chairman : Rixen	
14.00 - 14.40	Fukumori Ichiro	"The ECCO Routine Global Ocean Data Assimilation System: Budget Closure and an Effective Approximate Kalman Filter and Smoother"		K
14.40 - 15.05	Pouliquen S., T. Carval, Y. Desaubies, L. Petit de la Villéon, G. Loaec, L. Gourmelen	CORIOLIS, a french project for in situ operational oceanography.		O
15.05 - 15.30	Hoyer J.L. and J.She	A multi-platform OI scheme for SST based on a spatial-temporal covariance model		O
15.30 - 15.55	Alvera-Azcarate A., A.Barth, M.Rixen, J-M Beckers	Gappy data in oceanographic data sets.Reconstruction of SST AVHRR cloudy images of the Adriatic Sea		O
15.55 - 16.25	**COFFEE**	**Poster display**		
16.25 - 16.50	Donlon C J	The GODAE High Resolution Sea Surface Temperature Pilot Project (GHRSST-PP)		O
16.50 - 17.15	Pascual Ananda, Gilles Larnicol, Pierre-Yves Le Traon	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., S. Ruiz, J. Font	Recovery of North-East Atlantic temperature fields from profiling floats: determination of the optimal float number from sampling and instrumental error analysis		O

K : key note - O : oral - P: poster

		Poster Session		
	17.40 - 18.00	Semovski Sergei V., Eugeny A.Baranov	Winter survey of Lake Baikal seal. Data reanalysis using satellite data.	P
		Kouraev Alexei V., Sergei V.Semovski, Nelly M. Mognard	Baikal lake ice cover monitoring using historical and satellite measurements	P
		Spagnoli Federico, Federica Fiesoletti, Antonietta Specchiulli, Gabriella Bartholini, Alessandra Conversi	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., O.Cavalieri, R.Santoleri and M-H. Rio	Reconstructing vertical profiles from surface data	P
		Borenäs K., Amstrup B, Axe P, Funkquist L, Høyer JL, Larsen J, Loewe P, Luyten P, Olesen SM, 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 Alexei V., Elena A. Zakharova, Nelly M. Mognard, Anny Cazenave	Ob' river hydrological regime from satellite microwave measurements.	P
	20.00	**DINER AT COLONSTER**		
Wednesday 5 May	**Session : Regional systems**		**Chairman : Rayner**	
	9.00 - 9.40	Ferry N., E. Rémy, P. Brasseur and P. De Mey	The MERCATOR global ocean operational forecasting systems: first evaluation	K
	9.40 - 10.05	Grezio Anita, Nadia Pinardi, Paolo Oddo, Alessandro Coluccelli, Marco Zavatarelli	Data Assimilation and Ocean Forecasting in the Adriatic Sea	O
	10.05 - 10.30	Holt Martin and NOOS Steering Group	Operational Ocean modelling for the NW European shelf: NOOS - the NW Shelf Operational Oceanographic System	O
	10.30 - 11.00	**COFFEE**	**Poster display**	
	11.00 - 11.25	Fernández V., R. Onken, A. Jordi, J. Tintoré	Evolution of an ocean front in the north Balearic sub-basin	O
	11.25 - 11.50	Comerma E., Espino M., and S.-Arcilla A.	Implementation of a Regional Forecasting Pollutant Drift System in the Catalan Shelf zone	O
	11.50 - 12.15	Lermusiaux Pierre F.J., Wayne G. Leslie, Constantinos Evangelinos, Patrick J. Haley, Oleg Logoutov, Patricia Moreno, Allan R. Robinson, Gianpiero Cossarini, X. San Liang and Sharan Majumdar	AOSN-II in Monterey Bay: Real-time error predictions, data assimilation, adaptive sampling and dynamics	O
		Poster Session		
	12.15 - 12.30	She J., S.M. Olsen and J. Larsen	Some key issues in operational ocean modelling in the Baltic-North Sea	P
		Dupont Frederic and David Greenberg	Tidal assimilation in the Canadian Arctic Archipelago	P
		Kontar E.A., G.I. Shapiro and L.I. Lobkovsky	Influence of submarine groundwater discharge on the parameters of coastal waters	P
	12.30 - 14.00	**LUNCH**	**Poster display**	
	Session : Nesting		**Chairman : Beckers**	
	14.00 - 14.40	Bell Mike, Rosa Barciela, Adrian Hines, Matt Martin, Alistair Sellar and Dave Storkey	The Forecasting Ocean Assimilation (FOAM) system	K

K : key note - O : oral - P: poster

	14.40 - 15.05	Garnier Valérie, Gael Andre and Pierre Garreau	Monitoring of the Coastal Circulation in the Northern Part of the Western Mediterranean Sea using nested models.	O
	15.05 - 15.30	Taillandier Vincent and Jean-Luc Devenon	Assessment of a 4DVAR approach controlling the regional circulation influence on the Gulf of Lions shelf	O
	15.30 - 16.00	**COFFEE**	**Poster display**	
	16.00 - 16.25	Blayo E.	Revisiting open boundary conditions	O
	16.25 - 16.50	Chu Peter C. and Chin-Lung Fang	Predictability of Japan/East Sea (JES) system to uncertain initial/lateral boundary conditions and surface winds	O
	16.50 - 17.15	Olsen S.M. and J. She	Influence of lateral boundary conditions on operational forecast in semi-enclosed seas	O
	17.15 - 17.40	Vandenbulcke L., A. Barth, A. Alvera-Alcazarate, Z. Ben Bouallegue, M. Rixen, J-M Beckers	Data assimilation in nested-grid models	O
	17.40 - 18.05	Debreu L., C. Vouland and E. Blayo	Local mesh refinement with the AGRIF software. Applications to ocean modelling	O
	Poster Session			
	18.05 - 18.15	Chu Peter C. and Chenwu fan	Adaptation of Global Volume Transport for Coastal Ocean Models	P
		Chu Peter C. and Chenwu fan	Finite Volume Coastal Ocean Model	P
Thursday 6 May	**Session : Regional systems**		**Chairman : Bell**	
	9.00 - 9.40	Pinardi Nadia, Srdjan Dobricic, Marina Tonani, Claudia Fratianni, Mario Adani and Alessandro Bonazzi	The Mediterranean ocean Forecasting System: operational data assimilation and predictability studies	K
	9.40 - 10.05	Brenner Steve, Isaac Gertman and Alexey Murashovsky	Operational forecasting in the southeastern Levantine Basin: Model implementation, evaluation, and the selection of atmospheric forcing.	O
	10.05 - 10.30	Fernandes Rodrigo, Paulo Leitão, Ângela Canas, Ramiro Neves, Frank Braunchweig, Pedro Pina, J.J. Delgado Domingos	A Observing and Forecast System of Hydrodynamic Properties and Water Quality for the Tagus Estuary	O
	10.30 - 11.00	**COFFEE**	**Poster display**	
	11.00 - 11.20	Nerger L., S. Danilov, G. Kivman, W. Hiller, J. Schroter	Data Assimilation with the Ensemble Kalman Filter and the SEIK Filter applied to a Finite Element Model of the North Atlantic	O
	11.20 - 11.40	Orfila A., A. Alvarez, G. Basterretxea, A. Fornes, j. tintore	Forecasting front displacements in the Northern Balearic Sea with a satellite based ocean forecasting (SOFT) system	O
	11.40 - 12.00	Gavart M., M. Assenbaum and R. Baraille	Regional Modelling for the POMME Experiment : an Openboundary Implementation of HYCOM with Data Assimilation for Process Studies and Operational Ocean Forecasting	O
	12.00 - 12.20	Giraud Saint-Albin Sylvie and Didier Jourdan	An intercomparison study between soap P2 and Mercator for navy end-users applications	O

		Poster Session		
		Larsen J., J. She, J. Hoyer and B. Amstrup	Evaluation of SST observational networks for the North Sea/Baltic Sea operational modelling	P
		Gozzini Bernardo, Alberto Ortolani, Carlo Brandini, Graziano Giuliani, Andrea Orlandi, Bertrand De Hautecloque, Anton Micallef, Matthew Rymmel4	Operational systems and research improvement for monitoring Mediterranean Pollution: from RAMSES to CLEOPATRA	P
	12.20 - 12.30	Doukakis Efstratios	Remarks on the coastal vulnerability index	P
		Melentyev V.V., L.P. Bobylev, L.H. Pettersson, V.I. Chernook	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
	12.30 - 14.00	**LUNCH**	**Poster display**	
		Session : Quality assessment	**Chairman : Smith**	
	14.00 - 14.40	Le Provost C., P. Bahurel, M. Bell, L. Bertino, F. Blanc, E. Chassignet, G. Coppini, L. Crosnier, E. Dombrosky, C. Fratianni, H. Hurlurt, P. Y. Le Traon, K. A. Lisaeter, C.L. Liu, N. Pinardi	GODAE Atlantic and Mediterranean Sea Prototype Project (G-A&MPP) An Intercomparison of Five Forecasting Systems	K
	14.40 - 15.05	Chu Peter C. and Leonid M. Ivanov	How long can an ocean model predict?	O
	15.05 - 15.30	Hines Adrian, Matt Martin and Mike Bell	The impact of Argo and altimeter data on the FOAM system	O
	15.30 - 15.55	Skliris N., S. Sofianos and A. Lascaratos	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., M.W. Holt and J.P.Osborne	Nowcast Modelling the Hydrodynamics and Ecosystem Function of the NW European Shelf Seas	O
	16.50 - 17.15	Etienne H., M. Benkiran	Forecast error study for the MERCATOR assimilation system: Estimation of the Fully Multivariate Multi-data Assimilation parameters.	O
	17.15 - 17.40	Danilov S., G. Kivman, J. Schroter	A Finite Element Ocean Model: application to data assimilation in the North Atlantic	O
		Poster Session		
		Castro Manuel J., José M.Gonzalez-Vida, Jorge Macias, Carlos Pares	Simulation of tidally-induced currents in the Strait of Gibraltar	P
		Pierini S., R. Ferretti, C. Veneziani and G. Visconti	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 Carlo, Graziano Giuliani, Bernardo Gozzini, Simona Guerrizio, Andrea Orlandi and Alberto Ortolani	Examining air-sea interfacing in environmental monitoring/forecasting systems	P
	17.40 - 18.15	Kliem Nicolai, Vibeke Huess and Jacob Woge Nielsen	Intercomparison and validation of irregular mesh storm surge models	P

		She J. and J.B. Jorgensen	Influence of bathymetry averaging in simulating Baltic-North Sea water exchange	P
		Alvera-Azcarate A., A.Barth, Z.Benbouallegue, L.Vandenbulcke, M.Rixen, J-M Beckers	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 Annalisa, Leonid I. Piterbarg, Tamay M. Ozgokmen	Predictability of Lagrangian particle trajectories: effects of uncertainty in the underlying Eulerian flow	P
Friday 7 May	**Session : Assimilation studies**		**Chairman : Verron**	
	9.00 - 9.40	Brasseur Pierre and Jacques Verron	A Singular Evolutive Extended Kalman filter for data assimilation in marine environment monitoring and prediction systems	K
	9.40 - 10.00	Debost F., J-M Brankart, P.Brasseur and J.Verron	Monitoring the mesoscale ocean circulation with multi-satellite altimetric missions: a data-assimilation study	O
	10.00 - 10.20	Demirov Entcho, Youyu Lu, Keith Thompson, Dan Wright	Hindcasts of North Atlantic circulation, 1991 to 2000: Preliminary results from a prototype Canadian operational ocean forecast system	O
	10.20 - 10.40	**COFFEE**	**Poster display**	
	10.40 - 11.00	Hoteit I., B.Cornuelle, A.Kohl	Variational Data Assimilation with an Eddy-Resolving Model of the Tropical Pacific Ocean	O
	11.20 - 11.40	Galmiche M., J.Sommerai, E.Thivolle-Cazart and J. Verron	Data assimilation used in numerical simulations of laboratory experiments in a rotating strati ed uid	O
	11.40 - 12.00	Parent Laurent, Gregg Jacobs and Pierre Brasse	A reduced order Kalman lter to assimilate along track altimetric observations and sea surface temperature with the HYCOM model	O
	12.00 - 12.20	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 date.	O
	12.20 - 12.40	Molcard Anne, Tamay M. Ozgokmen, Annalisa Griffa, Leonid Piterbarg	Lagrangian Data Assimilation in Multi-Layer Primitive Equation Ocean Models	O
	12.40 - 14.00	**LUNCH**	**Poster display**	
	Session : Biogeochemical applications		**Chairman : Nihoul**	
	14.00 - 14.40	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
	14.40 - 15.05	Churilova T., V.Suslin, G.Berseneva, L.Georgieva	Bio-optical Monitoring in the Black Sea	O
	15.05 - 15.30	Tapani Stipa, Antti Westerlund, Jonni Lehtiranta	What drives harmful cyanobacterial blooms? Results from ecosystem prediction experiments in cold, brackish seas	O
	15.30 - 15.55	Huret M., F. Gohin and V. Gar	Assimilation of "Ocean Color" data into a coupled 3-D hydrodynamical-ecological model of the Bay of Biscay continental shelf	O

	15.55 - 16.25	**COFFEE**	**Poster display**	
	16.25 - 16.50	Stanichnaya R.R., Stanichny S.V., Soloviev D.M., Davidov A	Satellite monitoring of Upwellings in the Black Sea.	O
	16.50 - 17.10	Barciela Rosa M., Mike Bell, John Hemmings, Steve Spall and Ian Totterdell	Towards a biogeochemical model of the ocean for monitoring air-sea fluxes of CO2 in near-real-time using earth observation data	O
	17.10 - 17.30	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
	17.30 - 17.50	Berline Léo, Pierre Brasseur and Jacques Verron	Impact of SSH, SST and SSS data assimilation in a coupled physical-biogeochemical model of the North Atlantic	O
	17.50 - 18.10	Mathieu Pierre-Philippe	ESA and Earth Observation	O
	Poster Session			
	18.10 - 18.30	Ben Bouallegue Z., A. Alvera-Azcarate, L. Vandenbulcke, A. Barth, M. Rixen and J-M Beckers	A system evolution decomposition method : Application to the assessment of an operational forecasting system	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 and Wehrli	Methane Budget for the oxic/anoxic water column of the Black Sea: data synthesis, parameterisation of biochemical transformations, numerical simulation	P
		Kelly-Gerreyn BA, Hydes DJ, Qurban MA, Hartman SU, Mottram G and 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 Marcin Filip & Jan Marcin Węsławski	Modelling sandhopper (Talitrus saltator, Montague 1808) trophic dynamics on a sandy beach: How do we measure the interactions amongst species in real ecosystem?	P
		Dadolahi-Sohrab A., A. Savari, H. Omar, A. Ismail and M. Kusnan	Biomonitoring with seawwed 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 harmul algal events in the English Channel applied to the bloom of Karenia mikitoï that occured during the summer 2003	P