

**Tuesday 11, October 2016**

08:30 - 09:30	Registration	Installation of posters (all sessions)	
09:30 - 09:35	Welcome by local organiser		
09:35 - 09:50	Welcome by authorities		
09:50 - 10:00	Introduction to the conference, structure and objectives and practical information		
<b>Session 1</b>	<b>Data Services in ocean science:</b> - Standards and quality-assurance issues - Services and Visualisation tools - User oriented services	<b>Chairs: Angelo Lykiardopoulos - Justin Buck</b>	
<b>10:00 - 10:30</b>	Presentation 1 - Keynote	94	Developments in the certification of data centres, services and repositories through an RDA/WDS/DSA partnership <b>Lesley Rickards</b> , Mary Vardigan, Ingrid Dillo, Francoise Genova, Jean-Bernard Minster, Herve L'Hours, Rorie Edmunds and Mustapha Mokrane
10:30 - 11:00	Coffee Break		
11:00 - 11:15			<b>Official guest talk</b> <b>Name will be given later on</b>
11:15 - 11:30	Presentation 2	57	Data standards; why are they important and what can they do for oceanography? <b>Justin Buck</b> , Louise Darroch and Alexandra Kokkinaki
11:30 - 11:45	Presentation 3	85	Development of Linked Data Services to Support Widespread Exposure of Data <b>Chris Wood</b>
11:45 - 12:00	Presentation 4	31	A relaxed approach to handling semantics in data management <b>Paolo Diviacco</b> , Alessandro Busato and Peter Fox
12:00 - 12:15	Presentation 5	8	Bridging environmental data providers and SeaDataNet DIVA service within a collaborative and distributed e-Infrastructure <b>Gianpaolo Coro</b> , Pasquale Pagano and Umberto Napolitano
12:15-13:30	Presentation 6	93	Noumea: a Model Driven Framework for NetCDF-CF Data Extraction and Analysis <b>Jean-Philippe Babau</b> , Jannai Tokotoko, Oumar Kande and Abdallahi Bilal
12:30 - 14:00	lunch break		
14:00 - 14:15	Presentation 7	113	Improved statistical method for hydrographic climatic records quality control <b>Jérôme Gourrion</b> and Tanguy Szekely
14:15 - 14:30	Presentation 8	55	A single DOI for Argo; a generic approach to making datasets that grow and evolve with time citable on legacy infrastructure <b>Justin Buck</b> , Thierry Carval, Thomas Loubrieu and Frederic Merceur
14:30 - 14:45	Presentation 9	43	Managing Australian Ocean Data Network (AODN) Vocabularies <b>Sebastien Mancini</b> , Kim Finney, Roger Proctor and Natalia Atkins
14:45 - 15:00	Presentation 10	90	(Near) real-time data publication for coastal and deep-sea observing system using OGC Sensor Web Enablement (SWE) standards <b>Elena Partescano</b> , Alberto Brosich, Alessandra Giorgetti, Marina Lipizer and Vanessa Cardin
15:00 -16:00	Poster session - <b>Session 1</b> ; Authors of the poster selected in Session 1 have to stand by their presentation		
16:00 - 16:30	coffee break		
16:30 - 16:45	Presentation 11	119	Making HELCOM Eutrophication Assessments Operational <b>Hjalte Parner</b>

16:45 - 17:00	Presentation 12	70	OceanBrowser: on-line visualization of gridded ocean data and in situ observations	<b>Alexander Barth</b> , Sylvain Watelet, Charles Troupin, Aida Alvera-Azcárate, Giorgio Santinelli, Gerrit Hendriksen, Alessandra Giorgetti and Jean-Marie Beckers
17:00 - 17:15	Presentation 13	14	CLIPC: Tools and visualisation services for climate datasets to assess climate change	<b>Peter Thijsse</b> and Wim Som de Cerff
17:15 - 17:30	Presentation 14	82	Data processing and visualization at the Balearic Islands Coastal Observing and Forecasting System (SOCIB)	<b>Charles Troupin</b> , Joan Pau Beltran, Biel Frontera, Sonia Gómara, Miquel Gomila, Andreas Kriemeyer, Cristian Muñoz, Miquel Àngel Rújula, Imma Serra and Joaquín Tintoré
17:30 - 17:45	Presentation 15	63	Oceanographic system to control the impact of construction works in the sea in a sensitive coastal area - Case Study	<b>Vlado Dadić</b> , Damir Ivankovic, Stipe Muslim, Gordana Beg Paklar and Dalibor Jelavic
17:45 - 18:00	Presentation 16	73	Web interface for the Oil Spill prediction software	Elena Zhuk, <b>George Zodiatis</b> , Stavros Stylianou and Robin Lardner
<b>19:00</b>	<b>Ice Breaker in ECS</b>			

### Wednesday 12, October 2016

<b>Session 2</b>	<b>Marine information and data management:</b>			<b>Chairs: Dick Schaap - Eoin O'Grady</b>
	- exchange, processing and interactive work with heterogeneous data			
	- federation and integration			
	- network services and technologies			
09:00 - 09:30	Presentation 1 - Keynote	41	Developing a common global framework for marine data management	<b>Helen Glaves</b> and Dick Schaap
09:30 - 09:45	Presentation 2	29	From SeaDataNet II to SeaDataCloud	<b>Michele Fichaut</b> and Dick Schaap
09:45 - 10:00	Presentation 3	75	IODE Ocean Data Portal - platform to build national distributed data systems	<b>Sergey Belov</b> , Nikolai Mikhailov and Tobias Spears
10:00 - 10:15	Presentation 4	121	Towards the development of an overarching Marine Research Infrastructures information system	Ned Dwyer, <b>Sandra Sá</b> and Marcin Wichorowski
10:15 - 10:30	Presentation 5	86	SeaDataNet network monitoring services: Features and Statistics	<b>Angelos Lykiardopoulos</b> , Stavroula Balopoulou and Sissy Iona
10:30 - 11:00	Coffee Break			
11:00 - 11:15	Presentation 6	59	Arctic Data Centre, bridging scientific and operational data streams	<b>Øystein Godøy</b> and Bard Saadatnejad
11:15 - 11:30	Presentation 7	61	Norwegian Marine Data Centre	Arnfinn Morvik, <b>Terry Hannant</b> , Armin Pobitzer and Helge Sagen
11:30 - 11:45	Presentation 8	100	CNR-ISMAR in situ observations network: new approaches for an interactive, high performance, interoperable system	Stefano Menegon, Pierluigi Penna, Mauro Bastianini, Giuseppe Stanghellini, Francesco Riminucci, Tiziano Minuzzo and <b>Alessandro Sarretta</b>
11:45 - 12:00	Presentation 9	115	Aggregation and processing of data originating from heterogeneous sources for multidimensional analyses	<b>Marcin Wichorowski</b> and Katarzyna Błachowiak-Samotyka
12:00 - 12:15	Presentation 10	44	Integrating Data and Information Across Observing Systems	Kevin O'Brien, Steven Worley, Bob Simons, <b>Benjamin Pfeil</b> and Eugene Burger
12:15 - 12:30	Presentation 11	32	The end of reporting deadlines? Optimising dataflow by harvesting – a case study using open source REST-server technology from SMHI in corporation with ICES	<b>Patrik Strömberg</b> , Arnold Andreasson and Nils Nexelius

12:30 - 14:00	lunch break		
14:00 - 14:15	Presentation 12	24	Taking on Big Ocean Data Science <b>Thomas Huang</b>
14:15 - 14:30	Presentation 13	79	Adding Big Data's Velocity to Oceanographic Data Systems Adam Leadbetter, Damian Smyth, Rob Fuller and <b>Eoin O'Grady</b>
14:30 - 14:45	Presentation 14	54	Sensor Nanny: support observation operators with equipment and data management services on the cloud <b>Thomas Loubrieu</b> , Jérôme Détoç, Catherine Borremans and Arnaud Thorel
14:45 - 15:00	Presentation 15	42	Enhancing User Access to Oceanographic Data Through Commercial Cloud Services <b>Sebastien Mancini</b> , Roger Proctor, Peter Blain and Dan Fruehauf
15:00 - 16:00	Poster session - <b>Session 2</b> ; Authors of the poster selected in Session 2 have to stand by their presentation		
16:00 - 16:30	coffee break		

<b>Session 3</b>	<b>Marine environmental data bases: infrastructures and data access systems:</b>		<b>Chairs: Roger Proctor - Paolo Diviacco</b>
	- Coastal and deep sea operational oceanography metadata/data systems		
	- Physical and bio-chemical databases for climate studies		
	- Geophysical and geological metadata/data systems		
16:30 - 17:00	Presentation 1 - Keynote	67	Copernicus Marine Environment Monitoring Service In Situ TAC: an In situ operational data provision system for operational oceanography <b>Loic Petit de La Villeon</b> , Sylvie Pouliquen, Henning Wehde, Joaquin Tintore, Thierry Carval, Lid Sjur Ringheim, Susanne Tamm, Stephane Tarot, Veselka Marinova, Leonidas Perivolotis, Marta de Alfonso Alonso-Muñoyerro, Thomas Hammarklint, Fernando Manzano Muñoz, Charles Troupin, Kevin Balem and Corentin Guyot
17:00 - 17:15	Presentation 2	13	A common European database for underway data from FerryBoxes <b>Gisbert Breitbart</b> , Willi Petersen, Susanne Reinke, Patrick Gorringer and Antonio Novellino
17:15 - 17:30	Presentation 3	27	When diving animals help us to observe the oceans: the MEOP data portal <b>Fabien Roquet</b> , Lars Boehme, Marthan Bester, Sophie Bresseur, Jean-Benoit Charrassin, Dan Costa, Mike Fedak, Christophe Guinet, Ailsa Hall, Robert Harcourt, Mark Hindell, Kit Kovacs, Christian Lydersen, Clive McMahon, Baptiste Picard, Gilles Reverdin, Cécile Vincent and Horst Bornemann
17:30 - 17:45	Presentation 4	45	Expanding the Ocean Biogeographic Information System (OBIS) beyond species occurrences, by including associated environmental data – experiences from the OBIS-ENV-DATA project <b>Leen Vandepitte</b> , Daphnis De Pooter, Klaas Deneudt, Bart Vanhoorne, Pieter Provoost, Ward Appeltans, Nicolas Bailly, Menashè Eliezer, Ei Fujioka, Philip Goldstein, Alessandra Giorgetti, Mirtha Lewis, Marina Lipizer, Kevin Mackay, Gwenaëlle Moncoiffe, Stamatina Nikolopoulou, Shannon Rauch, Andres Roubicek, Carlos Torres, Anton Van de Putte, Matteo Vinci, Nina Wambiji and Francisco Hernandez

**19:00** Departure for social Dinner in

<b>Thursday 13, October 2016</b>			
09:00 - 09:15	Presentation 5	66	High resolution and automated flow cytometry data management <b>Soumaya Lahbib</b> , Mathilde Dugenne, Maurice Libes, Cherif Sammari, Malika Belhassen, Gérald Grégori and Melilotus Thyssen
09:15 - 09:30	Presentation 6	56	DINEOF daily cloud-free SST for the Eastern Mediterranean and Black Sea Andreas Nikolaidis, <b>George Zodiatis</b> , Stavros Stylianou, George Nikolaidis, Elena Zhuk and Evangelos Akylas
09:30 - 09:45	Presentation 7	84	The challenge of providing metadata for a 200 year long global mean sea level dataset <b>Andrew Matthews</b> , Lesley Rickards, Elizabeth Bradshaw, Kathy Gordon, Angela Hibbert, Svetlana Jevrejeva, Simon Williams and Philip Woodworth

09:45 - 10:00	Presentation 8	28	SeaDataNet II data products: the North Atlantic Ocean Region	<b>Christine Coatanoan</b> , Simona Simoncelli, Reiner Schlitzer, Michèle Fichaut, Dick Schaap and Sissy Iona
10:00 - 10:15	Presentation 9	120	New Mediterranean Sea climatologies	<b>Simona Simoncelli</b> , Alessandro Grandi and Sissy Iona
10:15 - 10:30	Presentation 10	12	Development of the Impulsive Noise Register System	<b>Neil Holdsworth</b> and Carlos Pinto
10:30 - 11:00	Coffee Break			
11:00 - 11:15	Presentation 11	17	EMODnet Physics: past, present and future	<b>Patrick Gorringe</b> , Giuseppe Manzella, Dick Schaap, Sylvie Poliquen, Lesley Rickards and Antonio Novellino
11:15 - 11:30	Presentation 12	62	EMODnet Chemistry: biogeochemical data management for long-term research and as support to EU policies	<b>Matteo Vinci</b> , Alessandra Giorgetti, Marina Lipizer and Alberto Brosich
11:30 - 11:45	Presentation 13	34	EMODNet Bathymetry - building and providing a high resolution digital bathymetry for European seas	<b>Dick Schaap</b>
11:45 - 12:00	Presentation 14	74	Towards better data access: the development of a new data download tool for marine biological data	<b>Simon Claus</b> , Leen Vandepitte, Filip Waumans, Bruno Vitorino Pinto and Francisco Hernandez
12:00 - 12:15	Presentation 15	118	EMODnet essential data needs and gaps : a comparative review of the Atlantic, Black Sea and Medsea Checkpoints	<b>Jacques Populus</b> , Atanas Palasov, Nadia Pinardi, Eric Moussat and Frédérique Blanc
12:15 - 12:30	Presentation 16	97	Streamlining the data ingestion process in the EMODnet context	<b>Serge Scory</b> , Michèle Fichaut, Sissy Iona, Antonio Novellino and Dick Schaap

12:30 - 14:00 lunch break

**Session 4 Services for Users and Education:**  
- Historical evolution in data collection and management  
- Tools for dissemination  
- Test bed development for educational purposes  
**Chair: Vittorio Barale**

14:00 - 14:30	Presentation 1 - Keynote	47	Bringing ocean observations to the classroom – student access to open data	<b>Roger Proctor</b> , Xavier Hoenner, Sebastien Mancini, Jason Everett and Kerrie Swadling
14:30 - 14:45	Presentation 2	88	Ireland's Integrated Digital Ocean	Adam Leadbetter, <b>Foin O'Grady</b> and Nigel Burke
14:45 - 15:00	Presentation 3	16	A picture is worth a thousand words: the European Atlas of the Seas	<b>Vittorio Barale</b>

15:00 -16:00 Poster session - **Sessions 3 and 4**; Authors of the poster selected in Sessions 3 and 4 have to stand by their presentation

16:00 - 16:30 coffee break

16:30 - 16:45	Presentation 4	15	The EyeOnWater concept: Marine observations via participative science	<b>Peter Thijsse</b> , Marcel Wernand and Hans van der Woerd
16:45 - 17:00	Presentation 5	46	KAPTAN – A smartphone application for mariners	Aldo Drago, <b>Audrey Zammit</b> , Raisa Tarasova, Adam Gauci, Anthony Galea, Joel Azzopardi, Giuseppe Ciralo and Fulvio Capodici
17:00 - 17:15	Presentation 6	71	Insights from the development of a downstream web-service to visualize ocean and meteorological forecast data at Iberian Atlantic beaches	<b>Pablo Otero</b> , Gonzalo González-Nuevo, Elena Tel, Manuel Ruiz-Villarreal and Jose Manuel Cabanas

17:15 -17:30 Closure