

6th FERRYBOX WORKSHOP

8-9 SEPTEMBER 2014

Venue: Marine Systems Institute at TUT, Akadeemia road 15A, Tallinn

PROGRAM

8 September 2014

09:00-10:00	Registration and coffee, room 327 (3rd floor)
10:00-10:10	Villu Kikas and Urmas Lips: Welcome
	Session 1, room A1 (2nd floor)
10:10-10:30	Alain Lefebvre: High resolution overview of phytoplankton community (via spectral groups) and hydrology in spring in the eastern English Channel. First attempt before a new Ship-Of-Opportunity line across the Channel?
10:30-10:50	Michael Haller: The contribution of FerryBox measurements to estimates of productivity in the North Sea: Challenges, uncertainties and benefits
10:50-11:10	Bengt Karlson: The dynamics of the phytoplankton spring bloom in the Kattegat and the Baltic Sea studied using a FerryBox-system
11:10-11:30	Pierre Jaccard: Quality control of biogeochemical and optical Ferrybox data
11:30-11:50	Anders Tengberg: Experiences from 1 min on-line monitoring of Temp, Sal, O ₂ , pCO ₂ , ChlA, Turb, Phyco of surface waters with compact SOOGuard systems.
11:50-13:00	Lunch (not provided) + exhibition
	Session 2, room A1 (2nd floor)
13:00-13:20	Wilhelm Petersen: Spatio-temporal dynamics of pCO ₂ in the southern North Sea investigated by continuous FerryBox measurements
13:20-13:40	Kai Sorensen: Recent developments of pH and pCO ₂ systems for Ferrybox in Norwegian waters
13:40-14:00	Steffen Assmann: Determination of Total Alkalinity and pH in Seawater
14:00-14:20	Anna Willstrand Wranne: The impact of storage on the total concentrations of phosphorus and nitrogen.
14:20-14:50	Coffee break, room 327 (3rd floor)
	Session 3, room A1 (2nd floor)
14:50-15:10	Jochen Wollschläger: Continuous integrating cavity absorption measurements – Extending the capability of the FerryBox to measure biological relevant parameters
15:10-15:30	P. Moscetta: Field test of microLFA modules for on-line measurement of nutrients in Ship of Opportunity application
15:30-15:50	Seppo Kaitala: Visualization of Ferrybox, glider and research vessel observations with Ocean Data View software
15:50-16:10	Urmas Lips: Integration of ferryboxes into multi-sensor marine observatories
16:10-17:00	Panel discussion
17:00-18:00	Posters + exhibition, room 327 (3rd floor)
19:00-...	Dinner (not provided) - Sesoon, Niine 11

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	Session 4, room A1 (2nd floor)
9:00-9:20	Johan Kronsell: FerryBox Tools – new open source software for quality control and visualisation of FerryBox data
9:20-9:40	Loic Petit De La Villeon: The OceanoScientific® Programme: Scientific Data Acquisition by Sailing Ships, results from the 2013 and 2014 campaigns.
9:40-10:00	Stefan Simins: Hyperspectral shipborne remote sensing in the Baltic Sea
10:00-10:20	Chris Aiken: Quantifying the value of SOOP routes
10:20-10:50	Coffee break, room 327 (3rd floor)
	Session 5, room A1 (2nd floor)
10:50-11:10	Maik Grunwald: Customized solutions and new aspects in environmental monitoring from a single source: -4H- JENA engineering
11:10-11:30	Dave Sivyer: Latest developments on the RV Cefas Endeavour FerryBox and associated systems.
11:30-11:50	Saskia Heckmann: Environmental monitoring using the OceanPack: a Robust, Flexible and Cost-efficient “ <i>Autonomous Underway Measurement System</i> ”
11:50-12:10	Nelli Rünk: Ferrybox onboard RV Salme
12:10-12:30	Final discussion

Posters

Rousseuw K., Lefebvre A., Poisson Caillault E., Aimé-Roger Nzigou. Detection and estimation of environmental states by unsupervised dynamics modelling. Application to Ferry Box data.
Paola Ramirez von Holle. A new SOOP carbon observing node for the South East Pacific
D. Atamanchuk, P. Hall, M. Kononets, T. Kõuts, C. Martens, A. Tengberg, C. Waldmann and S. Österhus. Multi parameters observatories and their contribution to a better knowledge of the ocean