



'DISSOLVED OXYGEN CALIBRATION / WHAT ARE THE BEST PROCEDURES?'

An interactive workshop to identify the best practices about dissolved oxygen calibration procedure

2ND FORUM FOR COASTAL TECHNOLOGIES WORKSHOP AGENDA

Oceanology International 2014 London, Excel– March 13th

AGENDA

	Item	Speaker
9 30	Welcome and Introduction	Glenn Nolan Marine Institute (Ireland)
9 50– 12 30	Session One - Presentations	
9 50	<i>Scientist focus</i> Calibration needs, current practices and alternatives	Florence Salvetat, IFREMER (France)
10 10	<i>Certification organism focus</i> Performances of continuous and portable measuring devices: standardization, certification or ETV verification?	Nathalie Guigues, Lab. National de Métrologie et d'Essais (France)
10 30	<i>Scientist focus</i> Feedback on oxygen sensor calibrations (AADI's oxygen optodes, JFE's RINKO) and long-term stability in FerryBox systems	W Petersen HZG - Helmholtz-Zentrum Geesthacht (Germany)
10 50	<i>Scientist focus</i> Oxygen measurements in oceanography: sensors accuracy and scientific needs	Laurent Coppola Obs. de Villefranche-sur-Mer / CNRS-UPMC (France)
11 10	<i>Manufacturer focus</i> Improve your oxygen optode measurements - user examples, practical handling and calibrations	Anders Tengberg, Aanderaa (Norway)
11.30	<i>Manufacturer focus</i> Fast response DO sensor - RINKO	Hua Li JFE Advantech Co., Ltd (Japan)
11 50	<i>Manufacturer focus</i> Monitoring Dissolved Oxygen: Best Practices, Calibration, and Validation	Norge Larson Sea-Bird Electronics (USA)
12 10	<i>Manufacturer focus</i> Views and experience on the implementation of dissolved oxygen calibration at NKE instrumentation	Damien Malardé NKE Electronics (France)
	Break (lunch)	
14 – 16	Session Two	
14 00	Facilitated Discussion Topic #1: Adapted calibration (coastal or open sea) and the essential calibration steps (good practices) Topic #2: Calibration Market (low cost sensors, training, certification, QC...) Topic #3: Main 'field' vs lab issues Restitution and synthesis	Chaired by: Yannick Aoustin IFREMER (France) <i>(Audience might be divided in three groups)</i>
1600	Summary & close	Patrick Farcy (Coordinator) IFREMER (France)