

3rd MARINE BOARD FORUM NEW TECHNOLOGIES FOR A BLUE FUTURE

18 April 2012

Royal Flemish Academy for Sciences and the Arts, Hertogsstraat 1, 1000 Brussels

Programme

08.45 Registration & welcome coffee

09.30 Opening address - Kostas Nittis, Marine Board Chair

9.40-10.20 Key-note presentation - Understanding the planetary life support system: next generation science in the ocean basins

John R. Delaney, University of Washington, USA

10.40-11.00 Molecular Marine Biotechnology: From genes to bioactive products Werner Müller, J. Gutenberg University Mainz, Germany products	10.20-10.40	Marine Ecosystem Acoustics: A cost-efficient approach to	Olav Rune Godø, Institute of Marine Research (IMR),
11.00-11.30 Networking & coffee 11.30-11.50 Status Quo of Offshore Aquaculture in Germany: A new vision for a "green economy" in the marine realm Research (AWI), Germany 11.50-12.10 Building with Nature in Coastal and Marine Environments 12.10-12.30 Marine Environmental Micro Sensors Matt Mowlem, National Oceangraphy Centre (NOC), UK 12.30-12.50 Standing Wave Tube Electro Active Polymer: Wave energy converter 12.50-13.40 Lunch Session 2. What's the big idea? Some new and blue technologies in a nutshell Chair: Antoine Dosdat, Marine Board vice-Chair, French Research Institute for Exploration of the Sea (Ifremer), France Flash Advanced textiles for open sea biomass cultivation (IAT-SEA) AlgaePARC and models for large scale microalgae production Marine - a Hybrid Data Infrastructure for an ecosystem approach to fisheries management and the conservation of marine living resources Bio-inspired marine anti-fouling strategies for reducing the cost of ownership of marine deployed structures Bio-inspired marine anti-fouling strategies for reducing the cost of ownership of marine deployed structures Session 3. Investing in Knowledge Chair: Geoffrey O'Sultivan, Marine Institute, Ireland Multi-sectoral case study The SmartBay Galway Collaboration: A Marine and Coastal Research and Development Platform Session 3. Investing in Knowledge Chair: Geoffrey O'Sultivan, Marine Institute, Ireland Marine Technologies: EU research and innovation initiatives Key-note address: Marine Technologies: EU research and innovation initiatives and Coastal Varies of Ec DG Research & Innovation David Murphy, Aqua TT, Ireland	10.20 10.40		
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Converter Conv	12.10-12.30	Marine Environmental Micro Sensors	Matt Mowlem, National Oceangraphy Centre (NOC), UK
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value creation	15.10-15.30		Manuela Soares, Director of Environment Directorate, EC DG Research & Innovation
15.50-16.10 Commercializing marine science: Process to production Stephen de Mora, Plymouth Marine Laboratory (PML), U	15.30-15.50		David Murphy, Aqua TT, Ireland
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16.50-17.00 Closing address - Kostas Nittis, Marine Board Chair

Open floor discussion

17.00 End of Forum

16.10-16.50