

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**

Session 1. Innovation Hotspots: Key examples of future and emerging marine technologies

Chair: Kostas Nittis, Marine Board Chair, Hellenic Centre for Marine Research, Greece

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| 10.20-10.40 | Marine Ecosystem Acoustics: A cost-efficient approach to ecosystem information | Olav Rune Godø , Institute of Marine Research (IMR), Norway |
| 10.40-11.00 | Molecular Marine Biotechnology: From genes to bioactive products | Werner Müller , J. Gutenberg University Mainz, Germany |
| 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 | Bela Buck , Alfred Wegener Institute for Polar and Marine Research (AWI), Germany |
| 11.50-12.10 | Building with Nature in Coastal and Marine Environments | Huib de Vriend , ECOSHAPE, Netherlands |
| 12.10-12.30 | Marine Environmental Micro Sensors | Matt Mowlem , National Oceanography Centre (NOC), UK |
| 12.30-12.50 | Standing Wave Tube Electro Active Polymer: Wave energy converter | Philippe Jean , SBM Offshore N.V., Netherlands |
| 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

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| Flash presentations | Advanced textiles for open sea biomass cultivation (AT-SEA) | Bert Groenendaal , SIOEN Industries N.V., Belgium |
| | AlgaePARC and models for large scale microalgae production | Ellen Slegers , Wageningen University, Netherlands |
| 13.40-14.20 | iMarine - a Hybrid Data Infrastructure for an ecosystem approach to fisheries management and the conservation of marine living resources | Pasquale Pagano , Istituto di Scienza e Tecnologie dell'Informazione "A. Faedo" (ISTI) - National Research Council of Italy (CNR) & iMarine Technical Director |
| | Bio-inspired marine anti-fouling strategies for reducing the cost of ownership of marine deployed structures | Fiona Regan , MESTECH, National Centre for Sensor Research, Ireland |
| 14.20-14.40 | Multi-sectoral case study The SmartBay Galway Collaboration: A Marine and Coastal Research and Development Platform | Harry Kolar , Sensor-Based Solutions, IBM Research |
| 14.40-15.10 | Networking & Coffee | |

Session 3. Investing in Knowledge

Chair: Geoffrey O'Sullivan, Marine Institute, Ireland

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| 15.10-15.30 | Key-note address: Marine Technologies: EU research and innovation initiatives | Manuela Soares , Director of Environment Directorate, EC DG Research & Innovation |
| 15.30-15.50 | Marine Knowledge Management: From RTD to measurable value creation | David Murphy , Aqua TT, Ireland |
| 15.50-16.10 | Commercializing marine science: Process to production | Stephen de Mora , Plymouth Marine Laboratory (PML), UK |
| 16.10-16.50 | Open floor discussion | |

- 16.50-17.00** **Closing address - Kostas Nittis, Marine Board Chair**
- 17.00** **End of Forum**