

Intense Day on Complexity in Marine Research

27 January 2015

Estonian Center of Excellence for Non-linear Studies CENS
Wave Engineering Laboratory
Institute of Cybernetics at Tallinn University of Technology
Committee on Marine Sciences, Estonian Academy of Sciences

Venue: Seminar room B101 of the Institute of Cybernetics, Akadeemia tee 21, Tallinn

10:00 Welcome coffee

10:15 *Opening*

Tarmo Soomere, President, Estonian Academy of Sciences

10:20–10:30 *Introduction of the host institute and CENS*

Jüri Engelbrecht, Chairman, CENS

Andrus Salupere, Director, Institute of Cybernetics

10:30–11:15 *Concepts, data and models for complex systems*

Steven Bishop, Faculty of Mathematics and Physical Sciences, University College London, UK

11:15–11:40 *Effect of climate change on ice regime of lagoons of the southern and eastern Baltic Sea*

Inga Dailidienė, Faculty of Natural Sciences and Mathematics, Klaipėda University, Lithuania

11:40–12:00 Coffee break

12:00–12:25 *Multi-criteria evaluation approach for coastal zone management*

Loreta Kelpšaitė, Faculty of Natural Sciences and Mathematics, Klaipėda University, Lithuania

12:25–13:10 *Evaluation and improvements of the TRACMASS time-analytical trajectory scheme for oceanic and atmospheric general circulation models*

Kristofer Döös, Department of Meteorology, Stockholm University, Sweden

13:10–13:20 Discussion: Handling complexity in the Baltic Sea marine research

13:20 Wrap-up and closing

