



INTERNATIONAL BALTIC SHIPWRECKS CONFERENCE

27th February, 2019 in Warsaw, Poland

Venue: The Centre for Innovation and Technology Transfer Management of Warsaw University of Technology
(Rektorska 4, 00-614 Warsaw)

meeting moderator: **Jorma Rytönen**

Conference organized by the MARE Foundation in partnership with the Maritime Institute in Gdańsk
as part of the project "*Reduction of the negative impact of oil spills from the Franken shipwreck*"
financed by the Baltic Sea Conservation Foundation (baltcf).

CONFERENCE AGENDA

- 8:30-9:00 Registration and welcome coffee
- 9:00-9:20 **Welcome Speech and Overview of the Project *Reduction of the negative impact of oil spills from the Franken shipwreck***
Olga Sarna, The MARE Foundation
- 9:20-9:40 **Setting the scene: Polluting Wrecks in the Baltic - the Overall Situation Based on HELCOM SUBMERGED Research**
Jorma Rytönen, Finnish Environment Institute

Session 1: POLLUTING WRECKS IN THE BALTIC SEA

- 9:40-10:00 **The Threat to the Marine Environment Resulting from the Presence of World War II Shipwrecks, on the Example of the S/S Stuttgart**
Justyna Rogowska/Lidia Wolska, Medical University of Gdańsk
- 10:00-10:30 **Dangerous Wrecks of the Gulf of Gdansk**
Benedykt Hac, The Maritime Institute in Gdańsk
- 10:30-10:50 **Dumped Munitions and Warfare Material in Wrecks as a Threat to the Ecosystem**
Milosz Grabowski/Jacek Beldowski, The Institute of Oceanology of the Polish Academy of Sciences (IO PAN)
- 10:50-11:20 Coffee Break

- 11:20-11:45 **Possible Scenarios for Marine Pollution in the Case of Shipwreck Collapse prior to the Removal of Fuel or Oil Cargo Stored in the Wreck**
Marek Reszko, Maritime Search and Rescue Service (SAR)
- 11:45-12:10 Q&A / Discussion

Session 2: SHIPWRECK RISK ASSESSMENT PROJECTS IN THE BALTIC REGION

- 12:10-12:35 **The Swedish Model for Prioritization and Remediation of Environmentally Hazardous Shipwrecks**
Frida Åberg, Swedish Agency for Marine and Water Management
- 12:35-13:00 **On the Past Experiences on Oil Removal Operations in Finland and the New National Wreck Programme for the Next Three Years**
Jorma Rytkönen, Finnish Environment Institute
- 13:00-13:25 **Aranda's Use in the Study of Harmful Substances on Shipwrecks, and the Co-operation of MRC and Badewanne**
Juha Flinkman, Finnish Environment Institute/Marine Research Center (MRC).
- 13:25-13:45 Q&A / Discussion
- 13:45-15:10 Lunch

Session 3: POLICY AND LEGISLATION

- 15:10-15:35 **Shipwrecks in Legal Frameworks: the International Perspective**
Ville Peltokorpi, Finnish Scientific Diving Steering Association
- 15:35-15:50 Q&A / Discussion

Session 4: SALVAGE TECHNOLOGIES AND CASE STUDIES

- 15:50-16:15 **Overview of the Available Technologies and Case Studies for Oil Recovery from Shipwrecks**
Kari Rinne, Innovator and Entrepreneur at Karinne Ltd
- 16:15-16:30 **Manolis L – Successful Oil Removal: 33 Years After, 70 Metres Below Harsh Sea Level**
Jacek Liberak, Ardent – Global Marine Services
- 16:30-16:50 **The UK MOD Wreck Management**
Matt Skelhorn, Salvage and Marine Operations (SALMO), UK Ministry of Defence Programme
- 16:50-17:10 **Securing the Oil-Removal Operation by the Maritime Search and Rescue Service and Possible Cooperating forces.**
Marek Reszko, Maritime Search and Rescue Service (SAR)
- 17:10-17:30 Q&A / Discussion and Final Remarks