MARVALOR - Building research and innovation capacity for improved management and valorization of marine resources, supported by the Programa Operacional Regional do Norte (ON.2 – O Novo Norte) and by the European Regional Development Fund, is an SR&TD Integrated Program that comprises three research projects and a transversal project. The research projects are ECORISK - Ecological risk assessment of oils and hazardous and noxious substances in the NW Portuguese coast, AQUAIMPROV- Sustainable Aquaculture and Animal Welfare and MARBIOTECH - Survey of natural substances from marine organisms with potential pharmacological and ecological applications, all developed by CIIMAR research groups. The transversal program MARECON.PT is a transversal project with the main objective of accessing and screening technologies derived from the three R&D projects included in MARVALOR and that compose the SR&TD Integrated Program, namely AQUAIMPROV, MARBIOTECH and ECORISK, in order to delineate effective commercialization strategies and promote entrepreneurship in marine research. MARECON is performed by UPIN/UPORTO, the technology transfer office of the University of Porto and CIIMAR. In this conference we present and discuss the latest outcomes of these projects.
Programme

14:00-14:30 Registration

14:30-14:45 Smart specialization in North Portugal
  • CCDR-N

14:45-14:55 MARVALOR – valorization of marine resources
  • Vitor Vasconcelos, CIIMAR

14:55-15:05 ECORISK – Ecological risk assessment of oils and hazardous and noxious substances in the NW Portuguese coast
  • Lúcia Guilhermino, CIIMAR

15:05-15:20 Modelling coastal processes in the NW Iberian Peninsula
  • Rui Caldeira, CIIMAR

15:20-15:35 Human health impact alert model triggered by environmental chemical contamination levels
  • Daniel Ribeiro, CIIMAR

15:35-15:45 Aquaimprov - for a more sustainable aquaculture
  • Aires Oliva Teles, CIIMAR

15:45-15:55 Towards more Sustainable Diets for Seabass
  • Helena Peres, CIIMAR

15:55-16:05 Histological study as indicator of turbot health status
  • Joana Costa, CIIMAR

16:05-16:15 Implementation of a pilot IMTA system with fish, oyster and seaweed
  • Isabel Azevedo, CIIMAR

16:15-16:45 Coffee-Break

16:45-16:50 MARBIOTECH - Biotechnological applications using marine microorganisms
  • Vitor Vasconcelos, CIIMAR
16:50-17:00 Antifoulings from marine origin
   • Isabel Cunha, CIIMAR

17:00-17:10 Antimicrobial activity of crude extracts and pure compounds from marine organisms
   • Lucinda Bessa, CIIMAR

17:10-17:20 New drugs emerging from the sea: Screening of natural compounds with antitumor potential
   • Alice Ramos, CIIMAR

17:20-17:35 Computer-driven drug discovery: approaches and applications
   • Rui M.M. Brito, Bsim² and University of Coimbra

17:35 Closure