

- 08:30 – 09:00 Registration
- 09:00 – 09:05 Welcome address
Jan Mees, VLIZ
- 09:05 – 09:35 Keynote
Valerie Trouet, Klimaatcentrum
- 09:35 – 10:25 Pitch presentations: pre-doc level
- Application of QSAR models for screening of sea-dumped munition and related chemicals: the Paardenmarkt as a case study
João Barbosa, Ghent University
 - Artificial Dunes as a Solution to Saltwater Intrusion: A Large-Scale Monitoring and Modelling Study
Jadon Beerlandt, KU Leuven
 - Investigating spatio-temporal patterns in co-occurrence of the European seabass, the Atlantic cod and cetaceans by means of two types of acoustic technologies
Arienne Calonge, VLIZ
 - Determining the contribution of fouling fauna to the marine organic matter pool of offshore wind farms
Esther Cepeda Gamella, KBIN
 - How sustainable are offshore windfarms? An assessment to quantify local to global (socio-) environmental impacts of a case study in the Belgian Continental Shelf
Laura Vittoria De Luca Peña, Ghent University
 - Higher temperatures: are fish growing faster? A case-study of Common sole in the Bay of Biscay
Kelly Diaz, VUB
 - The importance of seedling recruitment and clonal propagation for the persistence and resilience of seagrass meadows under disturbance
Jasper Dierick, VUB
 - Dude, where's my lobster? Perform geospatial research using a new Extended Continental Shelves data product
Salvador Fernández, VLIZ
 - Quantifying the effect of subsea permafrost thaw on Arctic shelf dissolved inorganic carbon and alkalinity fluxes
Alexis Geels, ULB
 - The role of bioturbation in enhanced silicate weathering in coastal sediments: a long-term mesocosm study
Cedric Goossens, University of Antwerp
- 10:25 – 11:00 Coffee break | Poster session
- 11:00 – 11:50 Pitch presentations: pre-doc level
- Evidence for the benefits of coastal environments for human health: insights from psychophysiological measurements
Alexander Hooyberg, VLIZ
 - Do copepods love hot tubs? About how invertebrates deal with climate change
Lotte Janssens, Ghent University

- Value for money: a cost-effectiveness analysis of microplastic sampling and analytics
Nelle Meyers, Ghent University | VLIZ | ILVO
- The different soundscapes in the Belgian Part of the North Sea
Clea Parcerisas, VLIZ
- Unexpectedly low organic carbon burial efficiency in anoxic sediments is linked to the absence of physical protection: lessons from the Western Gotland Basin (Baltic Sea)
Silvia Placitu, ULB
- A process-based model for riverine plastic fluxes: the effect of biofouling on buoyant plastic fate in the Elbe Estuary
Wilhem Riom, KU Leuven
- Deriving Alongshore Sediment Transport from Dredged Harbour Channels: Case-study of Blankenberge
Bart Roest, KU Leuven
- Are you ready for the blue transition? Increasing involvement and social acceptance for a sustainable transition at the Belgian Coast
Marylise Schmid, Ghent University
- What can Citizen Science do for You? Impact of the COLLECT Project on Ocean Literacy and Well-Being Within a North/West African and South-East Asian Context
Marine Severin, VLIZ
- Airborne monitoring of compliance to NO_x emission regulations from ocean-going vessels in the Belgian North Sea
Ward Van Roy, KBIN

11:50 – 12:00 Elevator pitches

12:00 – 13:20 Sandwich lunch | Poster session

13:20 – 13:50 Keynote
Lennert Schepers, LifeWatch Belgium

13:50 – 14:35 Interviews with the winners of the Brilliant Marine Research Idea grants 2022

- Adding a crucial calibration step for improving Flanders salinization map
Wouter Deleersnyder, KU Leuven - sponsored by Antea Group
- Unravelling the architecture of Chinese mitten crab burrows using non-intrusive techniques
Heleen Keirsebelik, University of Antwerp
- Mangroves as a coastal defense strategy: using drones and smartphone LiDAR sensors to quantify mangrove-induced friction in flood models
Ignace Pelckmans, University of Antwerp - sponsored by DEME nv
- A dual 'omics approach to tackle marine viral life history strategies
Hisham Shaikh, VLIZ
- The behavior of nanoplastics in marine ecosystems,: implementation of STED-microscopy and TD-PTR-MS analysis techniques in mesocosm experiments
Marie Sioen, Ghent University & University of Antwerp - sponsored by Otary
- Response of marine microbial communities to an electrical highway shut down
Jesper van Dijk, University of Antwerp

14:35 – 14:45 Pitches Meet the Company

14:45 – 15:45 Coffee break | Poster session | Meet the Company

15:45 – 16:05 Winners VLIZ awards 2022

- Bachelor Thesis Award: Detection of the oyster parasites *Bonamia* and *Marteilia* in gill tissue and seawater via qPCR and dPCR
Delphine Tanghe, HOWEST | ILVO
- Master Thesis Award: Sharing Habitats: Killer Whales and Anthropogenic Noise
Fabio Viotti, Ghent University
- Master Thesis Award: Come sail your ships around me. Studying the Roman harbour infrastructure and seascape of Nea Paphos using a viewshed analysis
Dries Vergouwen, VUB
- North Sea Award: Temporal effects of chemical and physical stressors on marine zooplankton: a molecular approach
Ilias Semmouri, Ghent University

16:05 – 16:30 Award ceremony

- VLIZ Bachelor Thesis Award 2022
- VLIZ Master Thesis Awards 2022
- VLIZ North Sea Award 2022
- VLIZ Philanthropy Brilliant Marine Research Idea grants 2023
- Best predoc presentation (vote)
- Best poster award (vote)

16:30 – 18:00 Reception