

# Virtual ICYMARE 2021 - Program



**ICYMARE**  
International Conference for  
YOUNG Marine Researchers

## Tuesday 21<sup>st</sup> September

- 8<sup>45</sup>** **ICEBREAKER** [Social Events Room](#)  
*Join the ICYMARE Pub-Quiz and get to know the other participants while puzzling over marine fun facts!*
- 10<sup>30</sup>** **Coffee break** [Main Platform](#)  
*Take the chance and check out our Welcome video at the main white box*
- 10<sup>45</sup>** **Session 11** [Main Platform](#)  
Sustainable harvesting of seafood – How to explore, predict and evaluate the future of marine food production  
*hosted by Erik Sulanke & Sandra Rybicki*
- 10<sup>45</sup>** Migration under light stress? - Chloroplast relocation movement under different irradiances in sea grapes (*Caulerpa lentillifera*)  
*Mia Pribbernow*
- 11<sup>00</sup>** Understanding connectivity of scallop populations in the Scottish waters to inform marine management  
*Simone D'Alessandro*
- 11<sup>15</sup>** Management of North Sea cod (*Gadus morhua* L.) under future climate change  
*Jan Conradt*
- 11<sup>30</sup>** Ecological Footprint of Fishing: A device to structure sustainable production in Algerian fisheries  
*Sonia Akrouf*
- 11<sup>45</sup>** **Session 8** [Main Platform](#)  
From physiology to ecology: what the holobiont concept can teach us about marine organisms and ecosystems  
*hosted by Chloé Stévenne & Maud Micha*
- 11<sup>45</sup>** Microbiome diversity is uncoupled from the biodiversity-functioning relationship in marine phytoplankton  
*Marrit Jacob*
- 12<sup>00</sup>** **Lunch break** [Session Room GREEN](#)
- 12<sup>30</sup>** **Session 5** [Main Platform](#)  
Stressed out lives: organismal bottom-up responses to global changes  
*hosted by Lénia da Fonseca Alexandre Rato & Inês Filipa Cigarro Morão*
- 12<sup>30</sup>** Establishing the green-lipped mussel (*Perna canaliculus*) as a bioindicator species for environmental contaminants using molecular biomarkers  
*Camille Baettig*
- 12<sup>45</sup>** Consecutive marine heatwaves decrease the performance of the common starfish *Asterias rubens* by accumulation of thermal stress  
*Lotta Bertelson*

- 13<sup>00</sup> Unraveling the ecological role of the harmful algae *Heterosigma akashiwo* under variable estuarine conditions [Main Platform](#)  
*Jakob Giesler* Session room YELLOW
- 13<sup>15</sup> The causes and effects of chemical contamination and drivers of oxidative stress in a wide-ranging seabird  
*Maria I. Laranjeiro*
- 13<sup>30</sup> Physiological signatures of coral stress under combined ocean warming and predation pressure  
*Carolina Madeira*
- 13<sup>45</sup> Sex-specific thermal tolerance limits and cellular stress responses of the ditch shrimp *Palaemon varians* under the combined effects of temperature and salinity  
*Madalena Missionário*
- 14<sup>00</sup> The effect of parental thermal environment on maternal investment and offspring performance  
*Bianca Allegra Parodi*
- 14<sup>15</sup> Combined effects of light intensity and temperature on cellular stress response and physiological performance of the soft coral *Sarcophyton cf glaucum*.  
*Margarida Travesso*
- 14<sup>30</sup> GAME 2021: Influence of artificial lighting at night (ALAN) on food consumption rates and activity patterns in marine benthic herbivores  
*Svea Vollstedt*
- 14<sup>45</sup> **Session 7** [Main Platform](#)  
Exceptions make the rule: insights from mixotrophy [Session Room BLUE](#)  
*hosted by Konstantinos Anestis & Joost Mansour*
- 14<sup>45</sup> Revising our understanding of plankton succession in temperate oceans under the mixoplankton paradigm  
*Dominic Richardson*
- 15<sup>00</sup> Fantastic Beasts: Mixoplankton spatial variability and succession in The North Sea revealed by metabarcoding  
*Jon Lapeyra Martin*
- 15<sup>15</sup> Biomass dynamics of mixotrophic ciliate *Mesodinium rubrum* on the effect of prey concentration  
*Jingyao Zhang*
- 15<sup>45</sup> **Coffee break**
- 16<sup>00</sup> **Project talk** [Main Platform](#)  
Plastic Pirates - schoolchildren investigate plastic pollution of rivers [Session Room RED](#)  
*Tim Kiessling*
- 16<sup>15</sup> **Poster Session** [Main Platform](#)  
*Get in touch with awesome early career researcher and discuss latest marine science*  
Acclimation responses to irradiance and temperature in the brown seaweed *Desmarestia aculeata* (*Desmarestiales*, *Phaeophyceae*) in Arctic fjords [Bar table A](#)  
*Johanna Marambio*  
Arctic vs sub-Arctic pelagic amphipods: DNA reveals a different history and a different future in the face of climate change  
*Ayla Murray*

16<sup>15</sup>

Poster Session

[Main Platform](#)

Get in touch with awesome early career researcher and discuss latest marine science

New Antarctic Loxosomella (*Loxosomatidae*, *Entoprocta*) from the Weddell Sea is recorded from only one station [Bar table A](#)

*Finn Corus*

Changes in the light spectrum alter the pigment composition and growth of marine phytoplankton communities.

*Anna Lena Heinrichs*

Investigating methods to increase tetraspore release and vegetative growth of the red seaweed *Palmaria palmata* [Bar table B](#)

*Claudia García Alcalde*

Drivers of spatio-temporal fishing dynamics in the southern North Sea: the case of three German fishing fleets

*Jonas Letschert*

How potential field methods can help to simulate trade-offs in fish movement behaviour in fragmented seascapes

*Maren Kruse*

Assessment of ovarian asymmetry and endpoint of reproductive toxicity in harbour porpoise (*Phocoena phocoena*) and common dolphin (*Delphinus delphis*)

*Bianca Melita Palmas*

Reproduction and feeding of the sea star *Asterina fimbriata* in Patagonia, Argentina [Bar table C](#)

*Ariana Alarcón Saavedra*

Distribution and abundance of the crinoid *Antedon mediterranea* in La Spezia Gulf in relation with environmental parameters

*Paolo Cortelezzi*

How about plasticity? Native and invasive crabs exposed to a new generation pesticide

*Lénia Rato*

Effects of the trematodes *Microphallus pygmaeus* (*Digenea*, *Microphallidae*) on the physiological processes in mollusks of the genus *Littorina* (*Gastropoda*, *Littorinidae*)

*Egor Repkin*

Gene expression analysis in *Littorina saxatilis*, infected and non-infected by trematodes *Microphallus piriformes*

*Polina A. Pavlova*

Plant selection for Floating Treatment Wetlands in Brackish Waters [Bar table D](#)

*Andrea Landaverde*

Planktonic Net Community Production and Respiration Rates in Narragansett Bay, Rhode Island

*Vitul Agarwal*

Effects of Organic Matter Cycling on Rare Earth Element behaviour in seawater during a phytoplankton spring bloom

*Mara Sutorius*

Incubation Experiment of TRANSLATES (Trace Gases in Selected Aquaculture Sites in Southern Portugal)

*Riel Carlo Ingeniero*

16<sup>15</sup>

Poster Session

[Main Platform](#)

*Get in touch with awesome early career researcher and discuss latest marine science*

CORAL3D. A pilot project for restoration and conservation of Mediterranean corals using an artificial reef produced with waste from the marble industry.

[Bar table E](#)

*Sara Campillo Marin*

All that glitters is not plastic - difficulties of microplastics identification in zooplankton samples and digital tools to overcome them

*Alena Sakovich*

Conventional vs. biodegradable microplastics – effects of different plastic types on the digestive enzyme activities of the Atlantic ditch shrimp *Palaemon varians*

*Franka Hemme*

Occurrence of microplastics in commercial mid-trophic level fishes along the Portuguese coast

*Maria I. Laranjeiro*

Littorinid-associated microbiomes

[Bar table F](#)

*Elizaveta Gafarova*

Ecotrophic effects on freshwater zooplankton and its composition due to a changing diet during growth of marine juvenile sticklebacks of the three-spined stickleback *Gasterosteus aculeatus* (Linnaeus, 1758)

*Timur Ercan*

Extractive activities and regulations of kelp in southern Peru during the 21st century

*Katerin Sofia Guardia Luzon*

The Seaweed Resources of Peru: current status and future perspectives

*Jose Avila-Peltroche*

Reaching society through a specialized communication program: the case of the Marine Observatory of Climate Change in the Canary Islands, the OMACC-PF.

[Bar table G](#)

*Oliva Pérez Silvia*

Venomous weever fishes: a painful sting with biotechnological potential? A study on venom production, delivery and toxin characterization in *Echiichthys vipera*

*Telma Luís*

The biotechnological potential of marine bio-reactives: Exploring novel toxins from the Polychaeta *Glycera alba*

*Sónia Campos*

An investigation on the biotechnological potential of the gastropod *Nucella lapillus*: On the search for cysteine-rich toxins and other proteins

*Marta da Conceição Ramalho Gato*

17<sup>15</sup>

**Session 2**

[Main Platform](#)  
[Session Room GREEN](#)

The impacts of climate change over human marine activities and their management

*hosted by Antonella de Cian, Dieu Anh Dinh & Pedro Manuel*

17<sup>15</sup>

*Carrasco De La Cruz*

Identification of marine heatwaves in the Archipelago Sea and experimental testing of their impacts on the non-indigenous Harris mud crab

17<sup>30</sup>

*Lucinda Kraufvelin*

Spatio-temporal dynamics of fish in the face of climate change: Application of species distribution models in the Baltic Sea

17<sup>45</sup>

*Frane Madiraca*

Climate adaptation pathways and the role of social-ecological networks in small-scale fisheries

18<sup>00</sup>

*Diego Salgueiro-Otero*

Vulnerability analysis of the Western Baltic Fisheries

*Vanessa Steinweg*

## Wednesday 22<sup>nd</sup> September

- 9<sup>00</sup>** **Session 1** (part 1)  
Interdisciplinary Approaches for Sustainable Coastal and Ocean Management  
*hosted by Lena Rölfer, Clara Klöcker, Arianna Liconti & Natalie Prinz*
- 9<sup>00</sup> Fucus vesiculosus populations on artificial structures have reduced fecundity and are dislodged at greater rates than on natural shores  
*Veronica Farrugia Drakard*
- 9<sup>15</sup> Sediment Profile Imagery (SPI): a tool for environmental impact assessment in shallow coastal environments  
*João Fernandes*
- 9<sup>30</sup> Ecorisk: Ecosystem risk assessments with R  
*Helene Gutte*
- 9<sup>45</sup> The meaning of success at the science-policy interface and how to achieve it  
*Denis B. Karcher*
- 10<sup>00</sup> Social networks and mangrove forest management: A case study from the Northern Province of Sri Lanka  
*Thanne Walawwe Gedera Fathima Mafaziya Nijamdeen*
- 10<sup>15</sup> Cumulative Impacts Assessment (CIA) on marine and coastal ecosystems: A review and future directions for integrated management of marine and coastal ecosystems  
*Christian Simeoni*
- 10<sup>30</sup>** **Coffee break**
- 10<sup>45</sup>** **Session 1** (part 2)  
Interdisciplinary Approaches for Sustainable Coastal and Ocean Management  
*hosted by Lena Rölfer, Clara Klöcker, Arianna Liconti & Natalie Prinz*
- 10<sup>45</sup> Mangrove ecosystem functions, goods, and services in Southern and North-western Sri Lanka; insight towards Ethnobiology and mangrove conservation  
*Ephrem Ngendahimana*
- 11<sup>00</sup> A method to quantify trophic controls along the trophic levels through food-web modelling approach  
*Pasquale Ricci*
- 11<sup>15</sup> A participatory modeling approach to analyze stakeholder perceptions of aquaculture as a social-ecological system  
*Ben Nagel*
- 11<sup>30</sup> Transdisciplinary coastal research in the Global South: a systematic literature review  
*Lilly Baumann*
- 11<sup>45</sup> The potential for a mesopelagic fishery by the current large scale Danish pelagic fishery; comparing economics and fishery dynamics  
*Berthe M. J. Vastenhouw*
- [Main Platform](#)  
[Session Room BLUE](#)
- [Main Platform](#)  
[Session Room BLUE](#)

12 <sup>00</sup>	Lunch break	
12 <sup>30</sup>	<b>Science Speed Dating</b> <i>Try out the fastest way to find a new research partner and speed up your science!</i>	<a href="#">Social Events Room</a>
13 <sup>30</sup>	<b>Session 13</b> Tropical Marine Ecosystems in the Anthropocene <i>hosted by Xochitl Elias &amp; Michael Kriegl</i>	<a href="#">Main Platform</a> Session Room GREEN
13 <sup>30</sup>	tba <i>Invited speaker</i> <i>Prof. Nick Graham</i>	
13 <sup>45</sup>	Left out in the cold: does cold water bleaching pose a threat to (sub)tropical coral reefs? <i>Mainah Folkers</i>	
14 <sup>00</sup>	Impact of phosphate eutrophication on the susceptibility of the pulsating soft coral <i>Xenia umbellata</i> to ocean warming <i>Annabell Klinke &amp; Selma D. Mezger.</i>	
14 <sup>15</sup>	Interconnectivity of water quality with biodiversity and ecosystem function in impacted marine environments <i>Rinaldi Gotama</i>	
14 <sup>30</sup>	tba <i>Aislinn Dunne</i>	
14 <sup>45</sup>	Diet composition and feeding habits of two small-pelagic fish species targeted by shallow water fisheries in the Visayan Sea, Philippines <i>Ivonne Amelia Vivar Linares</i>	
15 <sup>00</sup>	<b>Session 3</b> Marine data science <i>hosted by Carola Trahms &amp; Maria-Theresia Verwega</i>	<a href="#">Main Platform</a> Session room YELLOW
15 <sup>00</sup>	A study on whole-transcriptomes of two Polychaeta for discovering novel bioproducts with potential biotechnological applications <i>Inês Moutinho Cabral</i>	
15 <sup>09</sup>	Monitoring Marine Wildlife and Ecosystem Biodiversity with Artificial Intelligence and Computer Vision: Opportunities and Challenges <i>Thomas Chen</i>	
15 <sup>18</sup>	Automated plankton classification – a dynamic optimization procedure <i>Jan Conradt</i>	
15 <sup>27</sup>	Variability in <i>Carcinus maenas</i> fecundity along lagoons and estuaries of the Portuguese Coast <i>João N. Monteiro</i>	
15 <sup>36</sup>	Where the big Ships go to Sleep, Identifying Lay Offs based on positional Data <i>Ole Müller</i>	
15 <sup>45</sup>	Coffee break	

16<sup>00</sup>

**Session 18**

[Main Platform](#)  
[Session Room BLUE](#)

(Micro)Plastic: environmental distribution, degradation and impact

*hosted by Špela Korez & Lukas Miksch*

16<sup>00</sup> Plasticrusts - a novel plastic debris type on marine rocky shores

*Julius Ellrich*

16<sup>15</sup> Two new forms of plastic debris from the Seto Inland Sea, Japan

*Sonja Ehlers*

16<sup>30</sup> Microplastic Abundance on the Coastal Beaches of Northern Sri Lanka

*Shobiya Paramasivam*

16<sup>45</sup> Microplastic load and polymer type composition in North Sea, Mediterranean and Atlantic rocky intertidal snails

*Sonja Ehlers*

17<sup>00</sup> Detection of microplastics in maledivian coral reef invertebrates

*Clarissa Raguso*

17<sup>15</sup> Accumulation of microplastics at different trophic levels in selected coastal water bodies in Sri Lanka: Insight towards potential impacts to human health

*Hasitha Wijayathilaka*

17<sup>30</sup> Investigation of the aquatic hazard potential of bioplastics by ecotoxicological studies with *Daphnia magna*

*Silja Kröger*

17<sup>45</sup> Effects of bio-based microplastics on the hatching of *Artemia nauplii*

*Katharina Paetz*

18<sup>00</sup> Exploring PAEs contamination in "REEF FRAMEWORK BUILDERS": soft and hard corals

*Chiara Bises*

18<sup>15</sup> Development of a novel technological approach for the removal of microplastics from water using organosilanes

*Michael Sturm*



## Thursday 23<sup>rd</sup> September

- 8<sup>45</sup>**      **Session 15** (part 1) [Main Platform](#)  
Change in Polar Regions - Same same, but different?  
*hosted by Patricia Kaiser & Simon Jungblut*  
Session Room BLUE
- 8<sup>45</sup>      Benthic element cycling on the Antarctic shelf and its potential control by sea ice cover  
*Marwa Baloza*
- 9<sup>00</sup>      Phytoplankton species composition is governed by both iron and manganese limitation in the Drake Passage.  
*Jenna Balaguer*
- 9<sup>15</sup>      Antarctic meiofauna is most abundant in regions with seasonal sea-ice cover  
*Finn Corus*
- 9<sup>30</sup>      Long term changes at Southern Ocean squid ecology - What we know?  
*José Abreu*
- 9<sup>45</sup>      Brown seaweeds in the Arctic: Mechanisms of acclimation to combined abiotic drivers  
*Nora Diehl*
- 10<sup>00</sup>      An introduction to East Greenland's functional structure: An epibenthic community assessment and their associated traits and drivers.  
*Phoebe Armitage*
- 10<sup>15</sup>      Linking phenological shift of jellyfish *Aglantha digitale* with the Atlantification of the European Arctic  
*Maciej Manko*
- 10<sup>30</sup>**      **Coffee break**
- 10<sup>45</sup>**      **Session 15** (part 2) [Main Platform](#)  
Change in Polar Regions - Same same, but different?  
*hosted by Patricia Kaiser & Simon Jungblut*  
Session Room BLUE
- 10<sup>45</sup>      Genetic connectivity of the widespread hydrozoan *Aglantha digitale* from temperate to central Arctic regions  
*Madlen Friedrich*
- 11<sup>00</sup>      Trophic ecology of Arctic gelatinous zooplankton  
*Annkathrin Dischereit*
- 11<sup>15</sup>      Modelling of Arctic gelatinous zooplankton distribution and abundance based on data from pelagic video transects in Fram Strait  
*Dmitrii Pantiukhin*
- 11<sup>30</sup>**      **Session 16** [Main Platform](#)  
In a stable relationship: Isotope analysis and marine science  
*hosted by Lara Stuthmann & Paula Senff*  
Session Room GREEN
- 11<sup>30</sup>      From warm to cold waters: habitat and trophic ecology of Southern Ocean squids throughout their life cycle
- 11<sup>45</sup>      *José P. Queirós*

11 <sup>30</sup>	<p><b>Session 20</b> (part 1) Open Session <i>hosted by Lea Kappas, Louisa Karl &amp; Hanna Taieb Ezzraimi</i></p>	<p><a href="#">Main Platform</a> Session room YELLOW</p>
11 <sup>30</sup>	<p>"Moving target": how multiple stressors can alter tipping points <i>Charlotte Carrier-Belleau</i></p>	
12 <sup>00</sup>	<p>Lunch break</p>	
12 <sup>30</sup>	<p><b>ICYMARE Workshops</b> Join one of our awesome workshops for free!</p> <p><b>Tips and tricks for publishing your research — MEPS' perspective</b> <a href="#">registration</a></p> <p><b>From your research abstract to a comic: I cannot draw, but sketch my science!</b> <a href="#">registration</a></p> <p><b>Best practice ideas and advice for your Social Media channels</b> <a href="#">registration</a></p> <p><b>Overcoming obstacles to knowledge co-production for early-career marine researchers</b> <a href="#">registration</a></p> <p><b>Qualitative analysis of interviews</b> <a href="#">registration</a></p> <p><b>Challenges in Coastal Urban Planning: Sustainability Studies on Urban Environmental Management for Coastal Cities and Towns</b> <a href="#">registration</a></p> <p><b>Boosting the impact of your science through effective communication: Learning how to be heard by media, policy makers and stakeholders</b> <a href="#">registration</a></p> <p><b>Create scientific graphics and visualisations with inkscape</b> <a href="#">registration</a></p>	<p>Workshop rooms</p>
15 <sup>45</sup>	<p>Coffee break</p>	
16 <sup>00</sup>	<p><b>Stories</b> Share the story of your journey becoming a scientist with the ICYMARE family</p>	<p><a href="#">Social Events Room</a></p>
17 <sup>00</sup>	<p><b>Session 9</b> Often overlooked: Understanding and meeting the current challenges of marine invertebrate conservation <i>hosted by Emily Chen</i></p>	<p><a href="#">Main Platform</a> Session Room BLUE</p>
17 <sup>00</sup>	<p>Supporting the "centre-periphery hypothesis": lower recruitment and reproductive effort in northern than in central populations of the stalked barnacle <i>Pollicipes pollicipes</i> <i>Alba Aguion</i></p>	
17 <sup>15</sup>	<p>Patterns of biodiversity on newly restored mussel beds <i>Emilee Benjamin</i></p>	
17 <sup>30</sup>	<p>Habitat suitability of the red squat lobster in the Northern Humboldt Current <i>Noelia del Carmen Valderrama Bhraunxs</i></p>	
17 <sup>45</sup>	<p>New insights into seasonal and stage-specific physiology of <i>Salpa thompsoni</i> <i>Svenja Julica Müller</i></p>	
18 <sup>00</sup>	<p>Foraging Ecology of <i>Homarus americanus</i>, the American Lobster <i>Grace Walls</i></p>	

**Friday 24<sup>th</sup> September**

8<sup>45</sup>

**Session 12**

Coastal Wetlands – Muddy is the new trendy  
*hosted by Charles Cadier & Naima Iram*

8<sup>45</sup> Destruction of Mangrove and Lagoon Ecosystem  
Caused by Shrimp Farming in the Pambala-Chilaw  
Lagoon

*Samuel Appiah Ofori*

9<sup>00</sup> Assessment of Blue Carbon Stocks Including  
Mangroves, Seagrasses and Salt marshes in Puttalam  
Northwest Sri Lanka

*Gobishankar Sathiyamohan*

9<sup>15</sup> Combined effects of global and local stressors on  
mangroves, salt marshes and seagrass beds: a literature  
review

*Cristina Seijo*

9<sup>30</sup> Coastal erosion reduction by seagrass: not all species  
are equal

*Alice Twomey*

9<sup>45</sup>

**Session 20 (part 2)**

Open Session

*hosted by Lea Kappas, Louisa Karl & Hanna  
Taieb Ezzraimi*

9<sup>45</sup> Marine Tropical Sponge in Indonesia: A potent source  
for [preliminary] ecological chemical defences and anti-  
infective agents

*Muhammad Reza Faisal*

10<sup>00</sup> In depth characterization of the polar lipidome of the  
commercial shrimp *Pandalus borealis*

*Joana Filipa Fernandes*

10<sup>15</sup> Mackerel species in Madeira, Portugal: a look at their  
diet and trophic position

*Carolina Vieira*

10<sup>30</sup>

Coffee break

10<sup>45</sup>

**Session 20 (part 3)**

Open Session

*hosted by Lea Kappas, Louisa Karl & Hanna  
Taieb Ezzraimi*

10<sup>45</sup> Structure of the Ambulatory Flaps of Paintpot Cuttlefish  
(*Metasepia tullbergi*) for Walking

*Ayano Omura*

11<sup>00</sup> Comparison of underwater 360° video monitoring and  
diver-based visual census using Reef Check methods in  
the Red Sea, Egypt. A pilot study

*Ninja Mueller*

11<sup>15</sup> Detective work to identify the unknown from the  
seafloor: a new *Anobothrus* species (Polychaeta,  
Ampharetidae) from the Southern Ocean described  
with combined techniques

*Friederike Säring*

[Main Platform](#)

Session Room BLUE

[Main Platform](#)

Session Room GREEN

[Main Platform](#)

Session Room GREEN

## Virtual ICYMARE 2021 - Program

- 11<sup>30</sup> Molecular assessment of Ulva (Ulvophyceae, Chlorophyta) diversity in Vietnam reveals marked differences with traditional understanding of species diversity  
*Lan-Anh T. Tran*
- 11<sup>45</sup> Factors shaping microbial community structure and dissolved organic matter composition during austral spring in the San Jorge Gulf  
*Antonella De Cian*
- 12<sup>00</sup> Lunch break
- 12<sup>45</sup> **Project talk**  
GAME – Global approach by modular experiments  
*Svea Vollstedt*  
<https://www.geomar.de/game>  
<https://www.oceanblogs.org/game>
- 12<sup>45</sup> **Session 20** (part 4)  
Open Session  
*hosted by Lea Kappas, Louisa Karl & Hanna Taieb Ezzraimi*
- 12<sup>45</sup> Coccolithophores of the Last Interglacial (MIS 5e): an Opportunity to Observe a World 2°C Warmer  
*Kianna Gallagher*
- 13<sup>00</sup> **Session 19**  
Marine Engineering  
*hosted by Jan Boelmann*
- 13<sup>00</sup> Development of an autonomous, multifunctional sampler  
*Jana Fahning*
- 13<sup>15</sup> Computationally Extended Depth of Field for Microscopy On-The-Go  
*Judith Viviane Fischer*
- 13<sup>30</sup> Robotic Infrared Vision: Enabling operation in fog and low-light environments  
*Leonard Günzel*
- [Main Platform](#)  
Session Room GREEN
- [Main Platform](#)  
Session Room RED
- [Main Platform](#)  
Session Room GREEN
- [Main Platform](#)  
Session Room YELLOW

13 <sup>45</sup>	<b>Session 4</b> Ocean Literacy: linking marine science to education to promote action <i>hosted by Julieta Vigliano Relva &amp; Janire Salazar</i>	<a href="#">Main Platform</a> Session Room BLUE
13 <sup>45</sup>	The Youth4Ocean Forum, a free platform for young Ocean Changemakers <i>Maelle MONTIER</i>	
14 <sup>00</sup>	Building (scientific) knowledge by building bridges between land and sea <i>Begoña Vendrell-Simón</i>	
14 <sup>15</sup>	"L'Océa a casa" (The Ocean at Home): discovering the ocean from home during COVID-19 lockdown <i>María Vicioso Casañal</i>	
14 <sup>30</sup>	Combining ocean and climate literacy through online participatory simulation <i>Pimnutcha Promduangsri &amp; Pariphat Promduangsri</i>	
14 <sup>45</sup>	Capacity-building of marine research institutions for the improvement of ocean literacy <i>Julieta Vigliano Relva &amp; Janire Salazar</i>	
15 <sup>00</sup>	<b>Coffee break</b>	
15 <sup>15</sup>	<b>Fireside talk</b> Reflections on paths we can take and leading with intention <i>Prof. Dr. Kristy Deiner</i>	<a href="#">Main Platform</a> <i>white box</i>
17 <sup>00</sup>	<b>Open fireside chat</b> <i>Let this event fade away with a drink and have a chat with the awesome early career researcher</i>	<a href="#">Main Platform</a> <i>wherever you want</i>