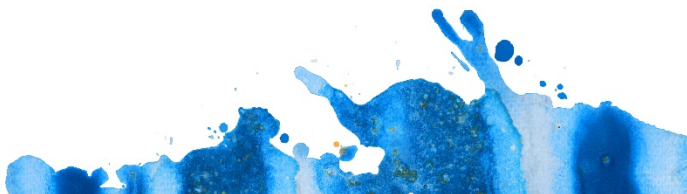


Oceans in Change focuses on the importance of research and knowledge as well as responsible communication of topics related to the Oceans. Our Speakers will talk about the importance of how to bring facts to the spotlight and raise empathy for Ocean Issues. Furthermore, they will consider the significance of research based development and investment.

PLENARY SESSION MONDAY 6: Oceans In Change		
Moderator: TBA		
Time	Speaker	Topic
09:30	<i>Oceans' Jazz – Trondheim Jazz Festival - TBC</i>	
10:00	Francesca Thyssen-Bornemisza - Founder and Chair of Thyssen-Bornemisza Art Contemporary (TBA21) Markus Reymann Director TBA21–Academy	TBA
10:20	Vidar Helgesen - Norway's Special Envoy to the High-level Panel on Building a Sustainable Ocean Economy.	TBA
10:35	Iselin Nybø - Norwegian Minister for Science and Higher Education	TBA
10:50	Thierry Béchet - EU Ambassador & Head of the EU Delegation to Norway	TBA
11:00-11:30	Ocean Talks: Panel Discussions on Communication of Ocean research/facts. How to bring facts to the spotlight and raise empathy/awareness for Ocean Issues? <i>Nybø; Thyssen-Bornemisza; Helgesen; Reymann; Thierry Béchet</i>	
11:30	Ingrid Schjøllberg – Director NTNU Oceans	TBA
11:40	Jarl Frijs-Madsen - Danish ambassador to Norway	TBA
11:50	Liv-Sissel Hagemann Hammer: Senior Vice President DnB NOR Bank ASA	TBA
12:00-12:30	Ocean Talks: Panel Discussions on Investment decisions, the importance of environmental funds and the role of Research & Technology for a healthy Ocean <i>Berhard Friess (Director MARE EU Commission); Toril A. N. Hernes (NTNU, Pro-Rector Innovation); Schjøllberg; Frijs-Madsen; H. Hammer;</i>	
12:30 – 13:30	<i>LUNCH at the Radisson Blu Royal Gardent</i>	

ART & Oceans – VIP Lunch and Art Exhibit Opening – The Kirkenes Chapter at OW
Florian Schneider presents the work at Radisson Blu Oasis Space

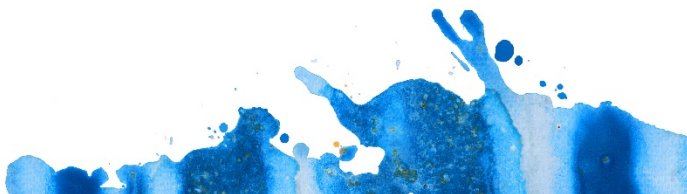


MONDAY May 6 – AFTERNOON PARALLEL SESSIONS

1. **Technology and new solutions in our Oceans**
2. **Other Voices, Other Stories**
3. **Exploring the Poles – Research to Action**

Technology and new solutions in our Oceans focuses on the positive and necessary application of research based new technology for a sustainable interaction with our Oceans. Our speakers will present new research and innovation opportunities. Discussion will unfold under the concept of responsible technological development.

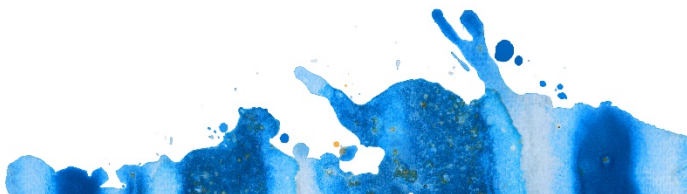
PARALLEL SESSION MONDAY 6: Technology and new solutions in our Oceans Moderator: Ingrid Schjøllberg, Director NTNU Oceans		
Time	Speaker	Topic
13:30	Bernhard Friess - Director, Directorate-General for Maritime Affairs and Fisheries, European Commission	TBA
13:45	Vegar Johansen - CEO SINTEF Oceans	TBA
14:00	Olav Bolland - Dean of the Faculty of Engineering at the Norwegian University of Science and Technology, NTNU	TBA
14:15	Elisabeth Maråk Støle - Director NORCE Norwegian Research Centre AS	TBA
14:30	Tonje Eskeland Foss - Regional Director, North, ATEA	TBA
14:45	Oceans Talks: Friess; Johansen; Bolland; Støle; Foss;	
15:05 – 15:35	BREAK	
15:35	PhD Pitch Session – TBA	TBA
15:50	Steffan Lindsø, Director of Emerging Technology, Oceaneering Europe	TBA
16:05	Asgeir Sørensen NTNU, Director SFF AMOS, Autonomous Marine Operations and Systems	TBA
16:20	TBA	TBA
16:35	TBA	TBA
16:45 – 17:00	Oceans Talks: TBA	



Other Voices, Other Stories: The Ocean nourishes and sustains not only human life, but all life on Earth. We have devised innumerable practices that treat the ocean as a resource. But what can we do to nourish and sustain the ocean in return? How have human societies constructed and represented their relationship to the ocean through the stories we tell about it? How do ocean narratives help us to understand the relationship between our ocean stories and the environmental challenges we now face: climate change, pollution, extinctions, sea level rise, environmental justice, food insecurity, and more? How do the humanities provide new approaches to interpretations, representations, imagination and new understandings of ocean narratives?

This session is organized by HAVANSVAR Humanities Ocean Initiative – an NTNU Oceans Pilot on Ethical, Social and Cultural aspects of Ocean Research and Innovation. HAVANSVAR is a research programme addressing ethical, cultural, communicative, narrative and historic dimensions of the ocean.

PARALLEL SESSION MONDAY 6: Other Voices, Other Stories		
Moderator: Siri G. Carson, NTNU leader of HAVANSVAR Humanities Ocean Initiative		
Time	Speaker	Topic
13:30	Ursula Munster, Director Environmental Humanities School at UiO	TBA
13:45	Martin Lee Mueller. Associate Professor, Rudolf Steiner University Colleague	Being Salmon, Being Human
14:00	Anne Trine Kjørholt, NTNU/ Norwegian Centre for Child Research	On coastal childhood and knowledge transfer
14:15	Julia Leyda, NTNU, Dept. of Art and Media Studies	On representations of the ocean in tv series
14:30	PhD pitch session – TBA	TBA
14:45	Ocean Talks: what can we do to nourish and sustain the ocean? <i>Munster; Lee Mueller; Kjørholt; Leyda</i>	
15:05 – 15:35	BREAK	
15:35	Hanna Musiol, NTNU Dept. of Language and Literature	On art, technology and the ocean
15:50	Håkon With Andersen, NTNU Dept. of Historical Studies / Knut Ove Eliase, NTNU Dept. of Language and Literature 3ROcean	TBA
16:05	TBA	TBA
16:20	TBA	TBA
16:35	TBA	TBA
16:45 – 17:00	Oceans Talks: TBA	



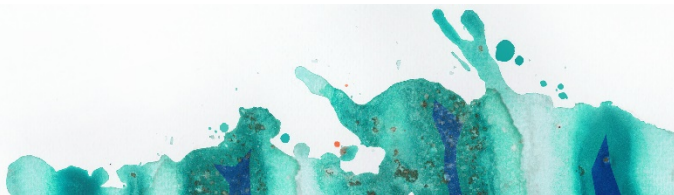
Exploring the Poles – Research to Action focuses on the great significance of the Arctic and Antarctic both for observation of climate change and for its impact on the overall Ocean Health. The Speakers will paint a clear picture of the effects of climate change and the actions imperative to reduce human impact in these fragile areas.

PARALLEL SESSION MONDAY 6: Exploring the Poles – Research to Action Moderator: Julia Farkas, SINTEF Ocean & Geir W. Gabrielsen NPI		
Time	Speaker	Topic
13:30	Geir W. Gabrielsen, Head Environmental pollution section, Norwegian Polar Institute	Microplastics in the Arctic
13:45	TBA	Antarctic – past sea ice/climate change
14:00	Ingrid Ellingsen, Environment and New Resources SINTEF Ocean	Polar ocean circulation
14:15	Chantel Nixon NTNU, Dept. of Geography	Gas hydrates in the Barents Sea
14:30	Emlyn Davis, Environment and New Resources SINTEF Ocean	Monitoring the Arctic
14:45	PhD pitch session – TBA	The polar night...
15:05 – 15:35	<i>BREAK</i>	
15:35	Susan Eaton SEDNA EPIC EXPEDITION, Expedition Founder	Opening of the Arctic sea ice
15:50	Liv-Guri Faksness, Environment and New Resources SINTEF Ocean	Oil spills the Arctic -are we prepared
16:05	TBA	TBA
16:20	Ida Øverjordet, Environment and New Resources SINTEF Ocean	Pollution - Fat matters
16:30	Bjørn Munro Jensen NTNU, Dept. Biology	Pollutant trends in the Arctic
16:45 – 17:00	Oceans Talks: TBA	



Policies and Other Initiatives for a Fragile Living Ocean focuses on the efforts that Industry, Institutions and research make to preserve our fragile Oceans and the knowledge that we need for a better decision-making process for all Ocean related activities.

PLENARY SESSION TUESDAY 7: Policies and Other Initiatives for a Fragile Living Ocean		
Moderator: TBA		
Time	Speaker	Topic
09:20	<i>Being Salmon, Being Human – Teaser of the Performance</i>	
10:00	Alan Simcock, Joint Coordinator at UN Group of Experts of the Regular Process (World Ocean Assessment)	TBA
10:15	Harald Solberg, CEO Norwegian Ship-owners Association	TBA
10:30	Richard Thompson, Director of the Marine Institute - University of Plymouth TBC	TBA
10:45	Bjørn Haugland, Executive Vice President and the Chief Sustainability Officer DNV GL	TBA
11:00	Iwona Woicka-Żuławska, Ambassador of the Republic of Poland	TBA
11:10-11:30	Ocean Talks: Panel Discussions on Actions for a Sustainable Ocean Simcock; Solberg; Thompson; Haugland; Woicka-Żuławska	
11:30	Ramón Larramendi; Project Leader Inuit Windsled Antarctica expedition - TBC	Inuit Windsled Antarctica, a project for the Scientific Research of the Poles
11:40	Jan-Gunnar Winther, Director Norwegian Centre for the Ocean and the Arctic, NOFIMA & Specialist Director at the Norwegian Polar Institute	Foresight study by Centre for Ocean and Arctic
11:50	Anna Mária Sikó, Ambassador of Hungary	TBA
12:00	Industry Representative - TBC	TBA
12:10-12:30	Ocean Talks Larremendi; Winther; Sikó Sturla Henriksen - UN Global Action Platform for Sustainable Ocean Business; Andreea Strachinescu, Head of Unit New Energy Technologies and Innovation in the Directorate General for Energy, European Commission;	
12:35	LUNCH	



TUESDAY May 7 – AFTERNOON PARALLEL SESSIONS

1. Coastal Engineering Crossing Over
2. New Bio marine Industries Based on Resources Low in the Food
3. Green Energy Impacts on a Blue Ocean

Coastal Engineering Crossing Over focuses on innovation linked to coastal development and the use of coastal resources.

PARALLEL SESSION TUESDAY 7: Coastal Engineering Crossing Over Moderator: Hans Bihs		
Time	Speaker	Topic
13:30	Athul Sasikumar, Norconsult	New Design and Modeling Approaches in Coastal Engineering
13:45	Bruno Sainte-Rose, Lead Computational Modeler at The Ocean Cleanup	The Ocean Cleanup
14:00	Kjersti Bruserud, Management assistant/advisor to Chief Technology Officer (CTO) Equinor	TBA
14:15	Nils Goseberg, TU Braunschweig/GWK	The Future of Experiments in Coastal Engineering
14:30	Arun Kamath, NTNU Trondheim	Cutting-edge aquaculture structure hydrodynamics - from research to teaching
14:45	Csaba Pakozdi, Sintef Ocean	Building Next-Generation Computational Marine Hydrodynamics Software
15:05 – 15:35	<i>Break</i>	
15:35	Claes Eskilsson Ålborg University/RISE Gøteborg	Ocean Wave Energy
15:50	Raed Lubbad, NTNU Trondheim	Arctic Coastal Engineering
16:05	Marit Reiso, Fedem	TBA
16:20	PhD pitch session: Tobias Martin, Weizhi Wang	TBA
16:30– 17:00	Ocean Talks	



New Biomarine Industries Based on Resources Low in the Food

PARALLEL SESSION TUESDAY 7: New Biomarine Industries Based on Resources Low in the Food Chain		
Moderator: Berit Løkensgard Strand, NTNU; Aleksander Handå, SINTEF		
Time	Speaker	Topic
13:30	TBA	New Vision from the region
13:45	TBA	Norwegian plankton technology center
14:00	Finn Aachmann NTNU	Norwegian Seaweed processing platform
14:15	Kurt Tande, Calanus TBC	Harvesting and use of Calanus
14:30	Marealis TBC	Peptides from shrimp shell
14:45	Ocean Talks:	
15:05 – 15:35	<i>Break</i>	
15:35	Stein Kaartvedt, UiO TBC	Stock estimation of mesopelagic fish
15:50	Hanne Digre, Sintef Ocean	Results from ongoing projects - SFI Harvest
16:05	Terje Finstad, NTNU Dept. of Interdisciplinary Studies of Culture	So what's new?
16:20	TBA	TBA
16:30	PhD pitch session: TBA	TBA
16:45 – 17:00	Ocean Talks	



Green Energy Impacts on a Blue Ocean focus what will the development of green energy sources and new technologies will mean in terms of the impact that these could have in our Oceans and the development of the blue economy. Our speakers will present the latest developments in energy technology and initiatives for international collaboration.

PARALLEL SESSION TUESDAY 7: Green Energy Impacts on a Blue Ocean		
Time	Speaker	Topic
13:30	Johan Einar Hustad, NTNU Director TSO Energy	NTNU's research efforts on renewable energy
13:40	Andreea Strachinescu, Head of Unit New Energy Technologies and Innovation in the Directorate General for Energy, European Commission	TBA
13:55	Karl Eirik Schjøtt-Pedersen CEO The Norwegian Oil and Gas Association	TBA
14:10	TBA	TBA
14:25	Elisabetta Tedeschi, NTNU Dept. of Electric Power Engineering TBC	Energy Grids, future of the energy distribution in Europe
14:40	Nils Anders Røkke, Executive Vice President Sustainability - SINTEF TBC	TBA
14:55	PhD pitch session: Erick Fernando Alves Atousa Elahidoost Abel A. Taffese	Wind turbines in O&G platforms Offshore electrical grids TBA
15:10 – 15:35	BREAK	
15:35	Trond Strømgren, Subsea Innovator at GCE Ocean Technology	TBA
15:50	Hege Brende, Centre Director in FME HydroCenter TBC	TBA
16:05	TBA	TBA
16:20	TBA	TBA
16:30	TBA	TBA
16:45 – 17:00	Ocean Talks	



WEDNESDAY May 8 – ALL DAY PARALLEL SESSIONS

1. Life cycle thinking in deep-sea mining
2. Aquaculture in society – how to match the UN SDGs?
3. Ocean Health
4. Autonomous Ships

Life cycle thinking in deep-sea mining focuses on the interrelationship between deep-sea mining and sustainability. Our speakers will try to answer question as: Can deep-sea resources contribute to sustainable *development*, and how do we make deep-sea mining sustainable? How life cycle thinking can contribute to sustainable deep-sea mining? Generally applied in support of technology development and environmental management, life cycle thinking also forms the basis for environmental legislation in Europe and Norway.

Deep-sea mining in Norwegian and international waters will occur in harsh conditions, where Arctic marine operations and offshore oil and gas provide highly relevant experience. Our speakers bring together experience in life cycle thinking in legislation as well as offshore and mining industries.

PARALLEL SESSION WEDNESDAY 8: Life cycle thinking in deep-sea mining		
Time	Speaker	Topic
08:45		
09:00	Steinar Løve Ellefmo, NTNU	What is Sustainable Development? Introduction to SDGs and sustainability
Can deep-sea resources contribute to sustainable development?		
09:15	Johan Berg Pettersen, NTNU	The role of metals for transition to sustainable society
09:30	Daniel Müller, NTNU	Circular Economy - Metals in society, stocks and flows
09:45	Mark Hannington TBC	The resource potential of deep sea mining
10:00	TBA	The ethics of deep sea mining??
10:15	Coffee Break	
10:45	TBA	TBA
11:00	TBA Technological drives & Maritime conflict – codes of conduct. Mitigation of maritime conflicts for sustainability	
11:15	PhD pitching session: TBA	TBA
11:30	Ocean Talks: How do we make the deep-sea mining value-chain sustainable?	
12:00	LUNCH	
What is a sustainable deep-sea mining value-chain?		
13:00	TBA	



	Impacts of mining – experience from LCA	
13:15	TBA Impacts of offshore oil & gas operations – experience from LCA	
13:30	TBA What is the deep-sea mining value-chain and the life cycle environmental impacts; subsea, offshore, logistics and onshore	
13:45	TBA	TBA
14:00	TBA	TBA
14:15	PhD pitching session: TBA	TBA
14:30	Ocean Talks: Can deep-sea resources contribute to sustainable development?	
15:00	Coffee Break	
Current research and research gaps in DSM		
15:30	PhD pitching session	
15:45	Ocean Talks: what are current knowledge gaps	

Aquaculture in society – how to match the UN SDGs? Aquaculture plays an important role in many of the SDGs defined by the UN. During this session we will look at the interactions between research and industry, the impact of knowledge and technology development in the aquaculture industry and its focus on 5 SDGs.

PARALLEL SESSION WEDNESDAY 8: Aquaculture in society – how to match the UN SDGs?		
Time	Speaker	Topic
08:45		
GOAL 2: Zero Hunger & GOAL 3: Good Health and Well-being		
09:00	TBC	FAO
09:30	Sjømat Norge TBC	Aquaculture as an active contributor to reaching the UN SDGs
GOAL 9: Industry, Innovation and Infrastructure		
09:45	Hans Bjelland, Seafood Technology SINTEF Ocean	TBA
10:00	TBA	TBA
10:15	Coffee Break	
10:45	Øyvind Hilmarsen, SINTEF Nord	Logistics in Aquaculture
11:00	Rune Vilhelmsen, Business Manager Smart Aquaculture at Telenor	Communication in Aquaculture
11:15	Ole Svendsen, Fornybarklynge TBC	Use and distribution TBC

PROGRAM
WEDNESDAY MAY 8 -TRONDHEIM



11:30	PhD pitching session: Tobias Martin, Sivert Bakke; Aksel Mogstad TBC	TBA
11:45	Ocean Talks	
<i>12:00</i>	<i>LUNCH</i>	
GOAL 12: Responsible Consumption and Production		
13:00	TBA	TBA
13:15	Helen Ann Hamilton, NTNU Dept. of Energy & Process Engineering	Aquaculture's footprint: research tools and methods - globally
13:30	Harald Sveier, Manager at Lerøy Ocean Harvest	World’s best protein producer from a sustainability perspective
13:45	Ulf Winther, Seafood Technology SINTEF Ocean	TBA
14:00	PhD pitching session: Pål Takle Bore, Kristbjørg Jonsdottir, Ingunn Marie Holmen TBC	TBA
14:15	TBA	Food from the Oceans? International dimension
<i>14:30</i>	<i>Coffee Break</i>	
GOAL 11: Sustainable Cities and Communities		
15:00	TBA	Smart cities – Trondheim TBA
15:15	Svein Johan Frisvol, Research Manager Ruralis	TBA
15:30	Ole Laurits Haugen, Mayor of Hitra municipality (AP). TBC	Ole Haugen Hitra – skatteutvalg (hvem er leder? Invitere) - GOAL 12
15:45	PhD pitching session: Gaspar NTNU Ålesund; Vilde NTNU Samfunnsforskning; Simone NTNU Industriell økologi TBC	TBA
15:50	Morten Volden, Rådmann Trondheim Municipality	TBA
<i>16:10</i>	<i>Close and Walk to the ferry and bus to Sistranda Frøya</i>	
<i>19:30</i>	<i>Dinner at the hotel in Frøya, Sistranda</i>	

ADDITIONAL PROGRAM AQUACULTURE FRØYA – May 9	
Program	Content
1	Boat trip to Aquaculture Site and Ocean Farming - Visit to Innomar and Nutrimar (TBC) - Afternoon return to Trondheim



Ocean Health focuses on the changes faced by our Oceans due to climate change. How could humans reach a better understanding on how to interact with the Oceans without leaving a negative environmental print? Can we help restore the Ocean health? What steps should we take the coming years and how can research help.

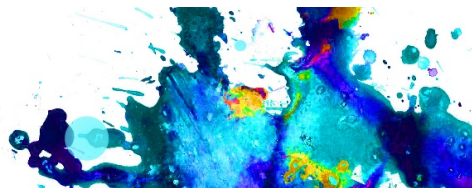
PARALLEL SESSION WEDNESDAY 8: Ocean Health		
Time	Speaker	Topic
08:45		
09:00	Mimmi Throne-Holst, SINTEF Ocean	Introduction
09:15	Nina Jensen CEO RevOcean	Ocean Health – Challenges and Solutions
Climate change and ocean health		
09:45	Helene Muri, NTNU Industrial Ecology Programme. Dept. of Energy and Process Engineering	The IPCC 1,5C Report: How will climate change influence ocean health?
10:00	TBA	TBA
10:15	Coffee Break	
Legacy contaminants		
10:45	Murat van Ardelan, NTNU TBC	Climate Change and Release of Heavy Metals
11:00	Marianne Olsen, Senior Research Scientist NIVA Norwegian Institute for Water research	Legacy mercury contaminated seabeds: should we take remediation action or not?
11:15	Alexandros Asimakopoulos, NTNU Department of Chemistry	Legacy POP's: A Cocktail Challenge
11:30	PhD pitching session: TBA	TBA
11:45	Ocean Talks - Q&A session with the speakers and teaser for to the next topic	
12:00	Lunch	
Plastic in the ocean		
13:00	Kristine Berg, Circular Economy Advisor, TOMRA Collection Solutions	eXXpedition: Sailing Through the North Pacific Gyre
13:15	Martin Wagner, NTNU	Risk to all or non - on the impacts of plastic pollution on the environment and societies
13:30	Andy Booth , SINTEF Ocean	Microfibre: How dangerous are your clothes to the ocean?
13:45	Erlend Standal, SALT	Fishing for Liter
14:00	Susie Jahren, SINTEF Industry, Materials and Nanotechnology	How do we solve our plastic problem?
14:15	Ocean Talks - Q&A session with the speakers and teaser for to the next topic Ocean Talks	
14:30	Coffee Break	
Emerging pollutants		



15:00	Lisbet Sørensen, SINTEF	Plastics in the environment - a sink, source or vector for emerging pollutants
15:15	TBA	TBA
15:30	TBA	TBA
15:45/16	Ocean Talks - Q&A session with the speakers and Concluding remarks	

Autonomous Ships focuses on the challenges of research and the innovation of new concepts and methods which will enable the development of autonomous methods of transport for people in urban water channels. This technology can be transformative both technologically, societally and in terms of new business opportunities.

PARALLEL SESSION WEDNESDAY 8: Autonomous Ships		
Time	Speaker	Topic
08:30		
09:00	Morten Breivik, NTNU, Dept. of Engineering Cybernetics	Intro
09:20	TBA	Key Note
09:50	NTNU Cybernetics, TBA	Autosea
10:10	<i>Coffee Break</i>	
10:45	Thomas Porathe, NTNU Dept. of Design	HMI + Shore control center
11:05	Patrick Waldermar, Research Leader Technology, Telenor	Communication 5G/cyber security, Logistic
11:25	Roy Nilsen, NTNU Dept. of Electric Power Engineering	Electric power systems
11:45	Øyvind Smogeli DNV GL, Digital Assurance program	Assurance technology. Emerging Digital Technologies and Cyber-Physical Systems in Autonomous Applications
12:05	Lunch	
13:00	Nils Haktor Bua, Norwegian Maritime Authority	Regulations
13:20	TBA	TBA
13:40	Master/PhD students pitching - Bjørn-Olav Holtung Eriksen Erik Wilthil - NTNU Cybernetics	TBA
14:00	TBA	TBA
14:20	Erlend Solem, Trøndelag county council	Innovative maritime transportation solutions
14:40	<i>Coffee Break</i>	
15:00	TBA	TBA
15:20	Beate Kvamstad Lervold, SINTEF Ocean	E39 and autonomous ferries
15:40	Daniela Rus (MIT), Roboat Amsterdam	Roboat Amsterdam
16:00	NCE Maritime Cleantech	Urban Water Shuttle



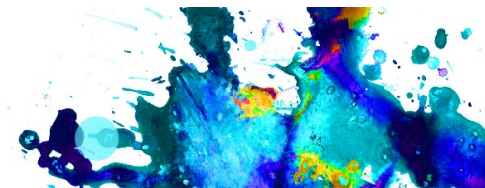
Our Blue Vision

PLENARY SESSION MONDAY 6: Our Blue Vision Moderator: TBA		
Time	Speaker	Topic
09:30		
10:00	Annik Magerholm Fet, Vice-Rector / Professor, NTNU in Ålesund	Welcome NTNU Ålesund, Ocean activities
10:10	Ingrid Schjølberg, Vice dean Research Engineering Faculty, Director NTNU Oceans	NTNU Oceans and Ocean Week
10:20	Bergljot Landstad	Importance of Ocean Week for the region Møre and Romsdal
10:30	TBA	TBA
11:00	TBA	TBA
11:15	TBA	TBA
11:30	Ocean Talks: Panel Discussions on Ocean sustainability, what does it mean for energy and food? <i>Fet, Schjølberg, Landstad</i>	
12:00	LUNCH	

THURSDAY May 9 – AFTERNOON PARALLEL SESSIONS

1. Marine Bio Resources
2. Ocean Technology

PARALLEL SESSION THURSDAY MAY 9 Towards a sustainable use of marine resources. Brosundet Naftadjupe Auditorium NTNU Ålesund Moderator: TBA		
Time	Speaker	Topic
13:00	Ann-Kristin Tveten, Research Coordinator Institute for Biological Sciences	TBA
13:15	Ana Carvajal – Sintef Ocean	Overview of research in the area of blue proteins
13:30	IPFF Christophe Derrien TBC	New innovative protein sources
13:45	Grete Hansen Aas, NTNU	From residual material to human consumption
14:00	Miroslava Atanasova, Møreforsking	New species, new markets
14:15	Inge Bruheim, Rimfrost	Krill as a source of marine protein
14:30	PhD pitch session – TBA	TBA
14:45	Oceans Talks: TBA	
15:05 – 15:35	BREAK	
15:35	Ola Ween, Møreforsking	Latest development in fishmeal



15:50	Agrimare Bio AS TBC	Polychaetes
16:05	Kristine Kvangarsnes, NTNU	
16:20	TBA	TBA
16:35	TBA	TBA
16:45 – 17:00	Oceans Talks: TBA	

PARALLEL SESSION THURSDAY MAY 9 Ocean Technologies Brosundet Auditorium NTNU Ålesund Moderator: TBA		
Time	Speaker	Topic
13:00	Peter Hauge Madsen, DTU	Opportunities in Offshore Wind
13:15	Jørn Helge Dahl, Hexagon	The Hydrogen Society
13:30	Jan Kvålsvold, DNV-GL	Energy Transition Outlook towards 2050 – what could it mean for shipping
13:45	TBA	TBA
14:00	TBA	TBA
14:15	TBA	TBA
14:30	PhD pitch session – TBA	TBA
14:45	Ocean Talks: (14:45-15:05)	
15:05 – 15:35	<i>BREAK</i>	
15:35	TBA	TBA
15:50	TBA	TBA
16:05	TBA	TBA
16:20	TBA	TBA
16:35	TBA	TBA
16:45 – 17:00	Oceans Talks: TBA	