

MASTS ONLINE Annual Science Meeting 2020: SNAPSHOT PROGRAM

Monday 5th – Friday 9th October 2020 - “MASTS – A decade of innovation”

	<u>5th Oct</u>	<u>6th Oct</u>	<u>7th Oct</u>	<u>8th Oct</u>	<u>9th Oct</u>
Plenary speakers	<u>Welcome from David Paterson</u> MASTS executive Director	<u>Matthew Dawkins</u> Senior R&D Engineer, Kitware, USA	<u>Peter Macreadie</u> Deakin University, Australia	<u>Gideon Henderson</u> Chief Scientific Advisor, DEFRA, UK <u>Kerstin Forsburg</u> Founder & Director of Planeta Oceano, Peru	
Special Sessions	<ul style="list-style-type: none"> • General Science session • Governing Scottish Seas: theory, practice and future horizons 	<ul style="list-style-type: none"> • General Science session • Multiple Marine Stressors • Aquaculture • Technologies & Methodologies 	<ul style="list-style-type: none"> • General Science session • Coastal ecosystem-based solutions: Climate-change adaptation and mitigation • Marine Climate Change 	<ul style="list-style-type: none"> • General Science session • General Science session • Structures in the Marine Environment • Aquaculture 	
ePosters	See new ePosters everyday with live presenters!				
Special Workshops – ALL WELCOME				Salvage, Decommissioning & Wreck Removal. Influence, educate and unlock opportunities: Informing global sustainability challenges	Salvage, Decommissioning & Wreck Removal. Influence, educate and unlock opportunities: Informing global sustainability challenges Plastics in the Ocean

As an event venue, Hopin is built for maximum and personal interaction at scale, just like a physical convention center. Users can explore areas of an event (such as the eposters and exhibitors spaces) and find the content and people you want to engage with most.

We have not noted specific break times within the programme, so feel free to grab a cuppa or comfort break between sessions. Everyone is welcome to attend all the plenary talks, special sessions, eposters, exhibitors and workshops. Below is a handy visual of what is happening when!

Use Google Chrome for the best possible ASM experience

Timetable - MASTS ASM 2020

Key			
■	General Session	■	Networking
■	Plenary/Key Talk	■	Expo booths
■	Workshop	■	Special session
■	E-posters		

Day 1		Exact Timings	Time								
			09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00
Monday	David Paterson Welcome	10:00-10:20		■							
	General Science Session 1	10:30-11:20			■						
	E-Posters Session 1	12:00-12:30				■					
	Networking	12:30-13:00					■				
	Exhibition Booths	12:30-14:30					■				
	Habits of a productive researcher	13:15-16:30						■	FULL		
	Governing Scottish Seas	14:00-15:00						■			
Day 2		Exact Timings	Time								
			09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00
Tuesday	General Science Session 2	09:45-10:45		■							
	Multiple Marine Stressors	11:15-12:15			■						
	Environmental Interactions	10:00-12:00		■	INVITE ONLY						
	E-posters Session 2	12:30-13:00				■					
	Exhibition Booths	12:30-14:30					■				
	Aquaculture	14:00-15:00						■			
	Technologies & Methodologies	15:30-16:30							■		
	Matthew Dawkins, Kitware	17:00-17:30									■
Networking	17:30-18:10									■	
Day 3		Exact Timings	Time								
			09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00
Wednesday	Dr Peter Macreadie, Deakin Uni.	09:50-10:20		■							
	Environmental Interactions 2	10:00-12:00		■	INVITE ONLY						
	Coastal ecosystem-based solutions	10:30-11:30			■						
	E-posters Session 3	12:00-12:30				■					
	Networking	12:30-13:00					■				
	Exhibition Booths	12:30-14:30					■				
	Marine Climate Change	14:00-15:00						■			
	General Science Session 3	15:30-16:30								■	
Day 4		Exact Timings	Time								
			09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00
Thursday	Prof Gideon Henderson, DEFRA	10:00-10:30		■							
	Structures in the Marine Environment	11:00-12:00			■						
	General Science Session 4	11:00-12:00			■						
	Aquaculture	11:00-12:00			■						
	E-posters Session 4	12:30-13:00				■					
	Exhibition Booths	12:30-14:30					■				
	Decom & Wreck Removal Workshop	14:00-17:00						■	ALL WELCOME		
	General Science Session 5	14:00-15:00						■			
	Kerstin Forsburg, Planeta Oceano	17:15-17:45									■
	Closing Remarks and Prize Giving	17:45-18:00									■
Networking	18:00-18:40									■	
Day 5		Exact Timings	Time								
			09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00
Friday	Decom & Wreck Removal Workshop 2	09:00-12:45		■	ALL WELCOME						
	Plastics in the Ocean	10:00-12:00		■	ALL WELCOME						
	Fast track your Research Impact	09:30-16:30		■	FULL						

Networking sessions explained

Our networking sessions are the place for facilitating connections with others within the conference. Just like you would at a 'live' event. Feel free to bring a cuppa or glass of something!

In "Networking", when you click the "Ready" button, the system searches for someone else who has also clicked the "Ready" button. If someone else is available, the two of you are matched instantly and the video chat begins and lasts for 4 minutes.

In a Networking meeting, the blue Connect button shows up at the top right corner of the screen. The purpose of this button is to give you the ability to quickly and easily exchange contact information, similar to exchanging business cards at a physical event. If both people click Connect, a connection registers. When a connection registers, both people will see the others' contact info on Connections tab of their Profile.

Once you meet someone in the Networking area of the ASM, you will not be matched with that person in the Networking area again.

Networking meetings are not recorded or recordable. Screen sharing is not possible in Networking.

In order to begin networking, an attendee must have a camera and microphone connected to their device and allowed in their browser.

Use Google Chrome for the best possible ASM experience

FULL PROGRAM

We have not noted specific break times within the programme, so feel free to grab a cuppa or comfort break between sessions.

Day 1: Monday 5th October 2020

10.00-10.20 **Opening and welcome by Prof David Paterson** (MASTS Executive Director) on **STAGE**.

10.30-11.20 **MASTS General Science Session 1** in **SESSION** and moderated by Dr Carol Sparling (Director of the Sea Mammal Research Unit, St Andrews University).

- Matt Carter (University of St Andrews) - *Habitat-based predictions of at-sea distribution for grey and harbour seals in the British Isles*
- Alyssa Stoller (University of Edinburgh) - *Assessing the feasibility of citizen science to monitor change and cetacean distribution in Iceland*
- Texa Sim (SAMS) - *The occurrence of harbour porpoises around salmon farms in Scotland*
- Izzy Langley (University of St Andrews) - *Interspecific Interactions: Investigating the role of grey seals in the harbour seal decline*
- Joe Onoufriou (SAMS) - *Harbour seals avoid tidal turbine arrays during operations*

12.00-12.30 **Ep posters Session 1** in the **EXPO AREA**.

- Terence Dawson (King's College London) - *Climate impacts on the coral reefs of the Pitcairn Islands Marine Reserve in 2016*
- James Chapman (University of Aberdeen) - *Habitat to population level impact assessment for top predator-marine renewable interactions*
- Blair Easton (St Abbs Marine Station) - *Population dynamics, catch composition and CPUE of the edible crab, *Cancer pagurus*, and European lobster, *Homarus gammarus*, in a Voluntary Marine Reserve*
- Corallie Hunt (University of St Andrews) - *Regional Scale Mapping of Sedimentary Carbon Using Multibeam Data*
- Texa Sim (SAMS) - *Acoustic localisation reveals fine-scale movements of harbour porpoises around salmon farms in Scotland*
- Constance Schéré (King's College London) - *To what extent are marine protected areas in the Irish Sea equitably governed and managed? A case study approach*
- James Kairo (Kenya Marine and Fisheries Research Institute) - *From Science to Policy: Mainstreaming mangrove ecosystem into national development and climate change agenda in Kenya*

12.30-1300 **Networking**

12.30-14.30 Exhibition booths in the **EXPO AREA**

13.15-16.30 **WORKSHOP - Habits of a productive researcher (training for MASTS, SUPER & ARCH-UK PhD students and ECRs) NOW FULL**

14.00-15.00 **Special Session on “Governing Scottish Seas: theory, practice and future horizons” in SESSION.** Hosted by the MASTS Marine Planning & Governance Forum and moderated by Dr Tim Stojanovic (University of St Andrews) & Dr Tavis Potts (University of Aberdeen).

- Paul Fernandes (University of Aberdeen) - *Changing fish distributions challenge quota allocations: a solution based on zonal attachment*
- Peter Hume (University of Edinburgh) - *Stakeholder Capacity for Ecosystem Based Management in the Loch Sunart to Sound of Jura Marine Protected Area*
- Fanny Royanez (French Biodiversity Agency) - *A grounded theory approach to explore industry views on an adaptive co-management framework for whale-watching tourism in Scotland*
- Daryl Burdon (Marine Research, Teaching and Consultancy) - *Evolution in Ocean Literacy – A Mechanism for Behaviour Change?*
- Morgane Declerck (University of Aberdeen) - *A new strategic tool to structure Cumulative Impact Assessment (CIA)*
- Deborah Shinoda (Heriot-Watt University) - *Integration analysis over the management of transboundary marine resources*
- Colin Moffat (Marine Scotland) - *Governing Scottish Seas: theory, practice and future horizons*

Day 2: Tuesday 6th October 2020

09.45-10.45 **MASTS General Science Session 2** in **SESSION** and moderated by Hannah Lee (Heriot Watt University).

- Edward Bolger (Edinburgh Napier University) - *Accepting limitations and embracing benefits: why we need both laboratory and field-based studies in aquatic sound research*
- Laurence De Clippele (University of Edinburgh) - *Mapping cold-water coral biomass: an approach to derive ecosystem functions*
- Susan Fitzer (University of Stirling) - *Effects of extra feeding combined with ocean acidification and increased temperature on the isotopic signature of the mussel shell*
- Caitlin Orr (Edinburgh Napier University) - *Startle response and habituation of the blue mussel, *Mytilus edulis*, to shipping continuous noise playbacks*
- Stephanie Lapidge (Heriot-Watt University) - *Global biogenic reef restoration and project design: Lessons for emerging oyster restoration in Europe?*
- Naomi Kennon (Heriot-Watt University) - *European oyster reef restoration and recovery: oyster shell density predicts biodiversity*
- William Sanderson (Heriot-Watt University) - *Re-finding the missing jigsaw piece: Selecting sites for the restoration of the native European oyster*

11.15-12.15 **Special Session on “Multiple Marine Stressors”** in **SESSION**. Hosted by the MASTS Marine Stressors Forum and moderated by Prof Karen Diele (Edinburgh Napier University) & Dr Mark Hartl (Heriot Watt University).

- Craig Stenton (Edinburgh Napier University) - *The ups and downs of stressor interactions: how response directionality can impact reported results*
- James Rimmer (University of St Andrews) - *Evaluating cumulative stressor impacts on depositional estuarine habitats*
- Magda Chudzinska (University of St Andrews) - *Tools to investigate the effect of multiple stressors on marine top predators*
- Cormac Booth (SMRU Consulting) - *Food for thought: The importance of prey in assessments of stressors impacts on harbour porpoise*
- Glenn Jessen (Heriot-Watt University) - *Probing The Future: Use Of Biomarkers In A Marine Environment Subject To Multiple Climatic Stressors*
- Eleni Christoforou (University of Glasgow) - *Mussel activity response to Artificial Light at Night*

10.00-12.00 **WORKSHOP - Environmental interactions of floating offshore wind (invite only)**

12.30-13.00 **Eposters session 2** in the **EXPO AREA**.

- Heather Runnacles Goodridge (University of St Andrews) - *Bringing decades of environmental monitoring and research to a wider audience: innovative public engagement strategies*

- Nahaa Alotaibi (Swansea University) - *Linking plant demography, ecological dynamics and population genetics across space and time*
- Steven Benjamins (SAMS) - *Marine mammals that fly: Observations of bats in coastal habitats of western Scotland*
- Nezha Mejjad (University of Casablanca) - *Moroccan lagoons: Current environmental issues and Environmental Conservation Measures of marine resources*
- Georgina Robinson (SAMS) - *Harnessing Reactive Nitrogen (Nr) in Integrated Food Production, Bioremediation and Energy Generation Systems*
- Rajashree Naik (Central University of Rajasthan) - *Pre and Post COVID-19 Lockdown effect on saltpan encroachment of a Ramsar Site: Sambhar Salt Lake, India*
- Erica Chapman (St Abbs Marine Station) - *Temporal and spatial variability in native European oyster larvae: are key patterns transferable for restoration projects?*
- Charlotte Miskin-Hymas (MEDIN) - *Marine Environmental Data and Information Network*

12.30-14.30 Exhibition booths in the **EXPO AREA**

14.00-15.00 **Special Session on “Aquaculture”** in **SESSION** and moderated by Dr Andrew Davie (University of Stirling & MASTS Sustainable Aquaculture Forum Convenor).

- Max Holloway (SAMS) - *Modelling of aquaculture impacts: what scales do we need to resolve?*
- Annette Boerlage (SRUC) - *Using remotely-sensed oceanographic products to enhance epidemiological models for Atlantic salmon aquaculture in Scotland*
- Philip Gillibrand (Mowi) - *The role of Stokes Drift in shoreline accumulations of infective sea lice larvae*
- Alan MacDonald (SAMS) - *It's all FYNE: How a novel management tool for the salmon aquaculture industry brings together nutrition and environment*
- Stuart McMillan (University of Stirling) - *Optimizing nutritional programming stimulus duration in Atlantic salmon for more efficient utilization of vegetable based feeds*
- Tim Regan (University of Edinburgh) - *Profiling microbial communities for healthier oyster hatcheries*
- Susanne Vogeler (University of Gothenburg) - *Neuroendocrine regulation of bivalve metamorphosis: applications for shellfish aquaculture industry*

15.30-16.30 **Special Session on “Technologies & Methodologies”** in **SESSION** and moderated by Oliver Peppe (British Geological Survey).

- Phil Anderson (SAMS) - *Exploring the white ribbon with impeller-driven kayaks*
- Rufus Danby (University of Aberdeen) - *Estimating and accounting for fish losses under the footrope of a survey trawl: the case of northern shelf anglerfish*
- Owen Exeter (University of Exeter) - *Autonomous underwater videography and tracking of basking sharks*
- Thomas Grove (University of Edinburgh) - *Snot and steroids: exploring steroid hormones in whale blow via UAV collection for physiological monitoring*

- Theoni Photopoulou (University of St Andrews) - *Sex-specific variation in the use of vertical habitat by a resident Antarctic top predator*
- Fahid Tahir (University of Strathclyde) - *Automatically identifying salmon farm characteristics using machine learning based classification of satellite images*
- Emma Whettall (SAMS) - *Low-cost resource assessment for community scale tidal stream power generation*

17.00-17.30 **Invited Speaker** – Matthew Dawkins (Senior R&D Engineer, Kitware, Inc). “Video and Image Analytics for Marine Environments (VIAME), an Open-Source Do-it-yourself AI Toolkit” on **STAGE** and moderated by Dr Mark James.

17.30-18.10 **Networking** with a glass of something – BYOB!

Day 3: Wednesday 7th October 2020

09.50-10.20 **Invited speaker** – Dr Peter Macreadie (Deakin University) “Blue carbon and coastal environments”. **On the STAGE** and moderated by Prof William Austin.

10.00-12.00 **WORKSHOP - Environmental interactions of floating offshore wind**

10.30-11.30 **Special Session on “Coastal ecosystem-based solutions: Climate-change adaptation and mitigation”** in **SESSION**. Hosted by the MASTS Coastal Forum and moderated by Dr Thorsten Balke (University of Glasgow).

- Mark Huxham (Edinburgh Napier University) - *Integrating blue: Challenges and solutions in including blue carbon into Nationally Determined Contributions*
- Celeste Kellock (University of Stirling) - *Source to Sea: Organic carbon transport from forested environments to coastal waters*
- Cai Ladd (University of Glasgow) - *Historical patterns of saltmarsh extent change reveal the long-term value of coastal habitats*
- Emma Martin (University of Edinburgh) - *Scaling Seagrass Restoration in Scotland: Coastal Hubs for Community-Driven Restoration Success*
- Jack Sheehy (Heriot-Watt University) - *Blue carbon: policy context and ecological economics*
- Alejandra Vovides (University of Glasgow) - *Understanding establishment thresholds of mangrove pioneer species in North Sumatra: implications for restoration*

12.00-12.30 **Ep posters Session 3** in the **EXPO AREA**

- Hanna Ewen (University of St Andrews) - *Exploring options for further inclusion of blue carbon in climate change policy within the framework of the IPCC*

- Ieuan Jones (University of Aberdeen) - *Spatio-temporal trends in different components of demersal fish biodiversity in the North Sea*
- Fengjia Liu (SAMS) - *Detection of DNA damage in sea urchin coelomocytes with fast micromethod*
- Jack Sheehy (Heriot-Watt University) - *A multivariate approach to determining factors of natural and artificial reef assemblages: Implications for biodiversity and marine renewable energy*
- Gracie Wilson (University of St Andrews) - *Potential impact of combined climate driven stressors on a UK dominant intertidal macroalgae*

12.30-1300 [Networking](#)

12.30-14.30 Exhibition booths **EXPO**

14.00-15.00 **Special Session on “Marine Climate Change”** in **SESSION**. Hosted by the MASTS Marine Climate Change Forum and Moderated by Dr Bee Berx (Marine Scotland Science).

- Cristina Castillo Alvarez (University of St Andrews) - *Experimental investigation of the roles of HCO₃⁻ and CO₃²⁻ in aragonite precipitation*
- Connie Simon-Nutbrown (Heriot-Watt University) - *Predicting Scottish maerl bed distribution under climate change*
- Andrew Twelves (University of Edinburgh) - *Interactions between ice shelves and phytoplankton blooms in the Amundsen Sea, West Antarctica*
- Alan Baudron (University of Aberdeen) - *Changing fish distributions challenge the effective management of European fisheries*
- Edward Lavender (University of St Andrews) - *Modelling the impacts of climate change on the abundance of shallow-water marine fish at a global scale*
- Tara Marshall (University of Aberdeen) - *Climate change impacts recruitment rates of North Sea and Irish Sea cod by widening the phenological mismatch*
- Jacob Davies (BTO Scotland) - *Predicting seabird abundance responses to both marine and terrestrial climate change*

15.30-16.30 **MASTS General Science Session 3** in **SESSION** and moderated by Prof Paul Fernandes (University of Aberdeen & MASTS Fisheries Science Forum Convenor).

- Edward Lavender (University of St Andrews) - *Opportunistic investigation of the impacts of recreational catch-and-release on the post-release behaviour of a Critically Endangered elasmobranch*
- Agnes Olin (University of Strathclyde) - *Generating planktivore prey fields from continuous plankton recorder data*
- Anneli Lofstedt (University of Aberdeen) - *Effect of season on nutritional composition in Atlantic mackerel (*Scomber scombrus*)*
- Iosu Paradinas (University of St Andrews) - *Modelling extreme fish catch observations*
- Steven Benjamins (SAMS) - *Integrating wind turbines and fish farms: an evaluation of potential risks to marine and coastal bird species*

- Julie Miller (University of Glasgow) - *Estimating connectivity and vulnerability in a seabird metapopulation*
- Lilian Lieber (Queen's University Belfast) - *Seabird foraging associations with localised coherent surface flow structures*

Day 4: Thursday 8th October 2020

10.00-10.30 **Invited speaker** – Prof Gideon Henderson (Chief Scientific Advisor at the Department of Environment, Food and Rural Affairs) “Title TBC”. **On the STAGE** and moderated by Prof David Paterson (MASTS Executive Director).

Between 1100-1200, we have three sessions running: Structures in the Marine Environment, General Science Session 4 & Aquaculture. The choice is yours!

11.00-12.00 **Special Session on “Structures in the Marine Environment” in SESSION.** Hosted by the INSITE programme, the MASTS Marine Renewable Energy Forum, and the MASTS Oil & Gas Environmental Research Forum. Moderated by Dr Raeanne Miller (SAMS) & Dr Sally Rouse (Marine Scotland Science).

- Richard Heard (INSITE CEO) - *INSITE Phase 2: A Unique Industry-Science Partnership*
- Joanne Porter (Heriot-Watt University Orkney Campus) - *Connectivity of Hard Substrate Assemblages in the North Sea*
- Elizabeth Mills (University of Dundee) - *An Interdisciplinary Approach to Tackling Invasive Species Settlement on Concrete Surfaces in Harbours*
- Michael Redford (SAMS) - *Artificial reef creation using decommissioned subsea pipeline protections - investigating scale dependent habitat complexity using 3D Photogrammetry*
- V Todd (Ocean Science Consulting Ltd) - *Use of ROV data to assess marine fauna associated with offshore anthropogenic structures*
- Elizabeth Masden (University of Highlands & Islands) - *When speed matters: the importance of flight speed in avian collision risk models*

11.00-12.00 **MASTS General Science Session 4 in SESSION** and moderated by Prof Teresa Fernandes (Heriot Watt University and MASTS Theme Leader for Marine Biodiversity, Function & Services).

- Arianna Zampollo (University of Aberdeen) - *Can satellite surface data predict subsurface primary production?*
- Anai Aude Valdivia (University of Strathclyde) - *Modelling seaweed invasion: a theoretical approach for *Sargassum muticum**
- Thorsten Balke (University of Glasgow) - *Restoration of tropical mangroves: Can we avoid repeating past mistakes?*

- Sofie Voerman (Lyell Centre for Earth and Marine Science) - *Photo-adaptation of the deepest living macroalga at the limit of the photic zone*
- Jenni Kakkonen (Orkney Islands Council, Marine Services) - *Establishing intertidal benthic macroinvertebrate baselines for 13 sandy shores in Orkney (1974-2016)*
- Alejandra Cabanillas (University of Strathclyde) - *Self-regulation processes in kelp forest*
- Juliet Rounce (Plymouth University) - *Investigating sediment stability in intertidal habitats: A CBESS case study on mudflats and saltmarsh habitats*

11.00-12.00 **Special Session on “Aquaculture”** in **SESSION** and moderated by Dr Andrew Davie (University of Stirling & MASTS Sustainable Aquaculture Forum Convenor).

- Eleanor Ford (SAMS) - *Exploring community perceptions of Scottish fin-fish aquaculture*
- Eoin Costelloe (University of Aberdeen) - *Functional studies of mucosal gill health in Atlantic Salmon*
- Samuel Pountney (University of Stirling) - *Egg quality determinants in Lumpfish*
- Alessandro Laudicella (SAMS) - *Lipidomics and broodstock management during mussel hatchery operations: identification of markers of ovary maturation in the blue mussels*
- Joe Penhaul-Smith (SAMS) - *Microalgal mixotrophy as a feed for *Mytilus* spp larvae*
- Robert Potts (University of Edinburgh) - *Developing Pacific oyster primary cell cultures*
- Maryam MacCorquodale (SAMS) - *Manipulating macronutrient concentration (N, P, Fe) to ensure vegetative cultivation of kelp gametophytes for the aquaculture industry*

12.30-13.00 **Eposters session 4** in the **EXPO AREA**

- Petra Harsanyi (St Abbs Marine Station) - *The effects of Electromagnetic Fields on microbial surface colonization and biofilm development*
- Natalie Isaksson (North Highland College, UHI) - *Assessing the effects of tidal stream marine renewable energy on seabirds: A conceptual framework*
- Euan Mackenzie (SAMS) - *Remote sensing of Loch Carron’s protected *Limaria hians* beds to monitor and map the recovery of damaged areas*
- Jiawei Pan (Heriot-Watt University) - *The bi-gradational contourite sequence and climatic signals: a geostatistical assessment*
- Yi Xu (University of Glasgow) - *Coastal infrastructure scour hazard assessment and monitoring: insights from lab experiments*
- Alienor Hammer (University of Edinburgh) - *The role of Scottish Salmon aquaculture in climate change*
- Bernadette Butfield (University of Edinburgh) - *Marine renewable energy developments, friend or foe to sharks in Scottish waters?*
- Melissa Costagliola-Ray (University of Highlands & Islands) - *Investigating the use of multiple survey techniques as an integrated approach to seabird monitoring*

12.30-14.30 Exhibition booths **EXPO**

- 14.00-17.00 **Salvage, Decommissioning & Wreck Removal. [Influence, educate and unlock opportunities: Informing global sustainability challenges](#) on the **STAGE. ALL WELCOME.****
- 14.00-15.00 **MASTS General Science Session 5** in **SESSION** and moderated by Dr Mark James (MASTS Operations Director)
- Kara Layton (University of Aberdeen) - *Exploring Scotland's marine biodiversity in the genomics era*
 - Louise Campbell (Marine Scotland Science) - *The Scottish Shelf Waters Reanalysis Service – a 25 year Scottish Shelf Model hindcast*
 - Shaun Fraser (NAFC Marine Centre) - *10 years of the annual Shetland inshore fish survey: trends, insights, and implications for regional management*
 - Teale Phelps Bondaroff (OceansAsia) - *Masks on the beach: The impact of COVID-19 on marine plastic pollution*
 - Corinna Dietz (University of Edinburgh) - *Towards a holistic marine litter regime: Gaps and challenges in the current political framework*
 - Lauren Biermann (Plymouth Marine Laboratory) - *Detecting floating macroplastics in coastal waters using high resolution satellite data*
 - Chris Leakey (University of St Andrews) - *People Ocean Planet*
- 17.15-17.45 **Invited Speaker** – Kerstin Forsburg (Founder & Director of Planeta Oceano, Peru). “Multi-disciplinary and participatory strategies for marine conservation” on the **STAGE**
- 17.45-18.00 **Conference Closing Remarks & Prize Giving** (Prof David Paterson) on the **STAGE**
- 18.00-18.40 **[Networking](#)** with a glass of something – BYOB!

Day 5: Friday 9th October 2020

- 09.00-12.45 **Salvage, Decommissioning & Wreck Removal. [Influence, educate and unlock opportunities: Informing global sustainability challenges](#) on the **STAGE. ALL WELCOME.****
- 10.00-12.00 **WORKSHOP** - Plastics in the Ocean. All welcome. Find out more [here](#). **ALL WELCOME.**
- 09.30-16.30 **WORKSHOP** - Fast track your research impact (training for MASTS, SUPER & ARCH-UK PhD students and ECRs). **NOW FULL.**