

Date	Title	Session Type	Starts	Ends	Room	Presenters	Affiliation	Program	#
25-Feb	Digital Twins of the Ocean: Science and Innovation for a Sustainable Future I Oral	Session	08:30	10:00	Dochart	Joanna Staneva; Sigmund Kluckner; Fei Chai; Justin James Henry Buck	Helmholtz Zentrum Hereon; IEEE; Xiamen University; National Oceanography Centre	Digital Ocean	DO31A
25-Feb	Particle-associated N <sub>2</sub> fixation in the Arctic Ocean	Responses of Arctic Planktonic Communities to Climate Change and the Impacts on Ecosystem Function I Oral	08:42	08:52	Hall 3, Current Exchange	Mar Benavides	National Oceanography Centre	Marine Ecology and Biodiversity	ME31B
25-Feb	Abrupt Changes in the North Atlantic Ocean Circulation: Past, Present, and Future I eLightning	Session	14:00	15:30	Hall 4, eLightning Theater 1	Ruza F Ivanovic; Oliver Mehling; Andrea Burke; Alejandra Sanchez-Franks	University of Leeds; Utrecht University; University of St Andrews; National Oceanography Centre	Climate and Ocean Change	CC33B
25-Feb	Towards estimation of impacts of ocean surface wave breaking on long term climate using recent wave hindcasts, observations, emulators and climate models	Observations and Modeling of Physical Processes at and near the Air-Sea Interface III Oral	14:30	14:40	Hall 3, Tidal Pool	Ben Timmermans	National Oceanography Centre, Soton	Air-Sea Interactions	AI33A
25-Feb	Abrupt Changes in the North Atlantic Ocean Circulation: Past, Present, and Future II Poster	Session	16:00	18:00	Hall 4 (Poster Hall)	Ruza F Ivanovic; Oliver Mehling; Alejandra Sanchez-Franks; Andrea Burke	University of Leeds; Utrecht University; National Oceanography Centre; University of St Andrews	Climate and Ocean Change	CC34 A
25-Feb	Digital Twins of the Ocean: Science and Innovation for a Sustainable Future II Poster	Session	16:00	18:00	Hall 4 (Poster Hall)	Joanna Staneva; Sigmund Kluckner; Fei Chai; Justin James Henry Buck	Helmholtz Zentrum Hereon; IEEE; Xiamen University; National Oceanography Centre	Digital Ocean	DO34 A

Date	Title	Session Type	Starts	Ends	Room	Presenters	Affiliation	Program	#
25-Feb	Regionally Downscaled Ocean Climate Predictions and Projections I Poster	Session	16:00	18:00	Hall 4 (Poster Hall)	Anna Katavouta; Konstantinos Christakos; Jun She; Leonie Barghorn	National Oceanography Centre; Norwegian Meteorological Institute; Danish Meteorological Institute; Leibniz Institute for Baltic Sea Research Warnemuende	Digital Ocean	DO34 B
25-Feb	Environmental and Ecosystem Responses to Expanding Offshore Renewable Energy II Poster	Session	16:00	18:00	Hall 4 (Poster Hall)	Juliane Wihsgott; Jeff R Carpenter; Neda Trifonova; Glen Gawarkiewicz; Michela De Dominicis	Plymouth Marine Laboratory; Helmholtz-Zentrum hereon; University of Aberdeen; Woods Hole Oceanographic Institution; National Oceanography Centre	Human-Ocean Connections	HC34 A
25-Feb	Environmental and Ecosystem Responses to Expanding Offshore Renewable Energy III Poster	Session	16:00	18:00	Hall 4 (Poster Hall)	Juliane Wihsgott; Jeff R Carpenter; Neda Trifonova; Glen Gawarkiewicz; Michela De Dominicis	Plymouth Marine Laboratory; Helmholtz-Zentrum hereon; University of Aberdeen; Woods Hole Oceanographic Institution; National Oceanography Centre	Human-Ocean Connections	HC34 B
25-Feb	Plastics in the Ocean: Pathways, Impacts, and Analytical Advances II Poster	Session	16:00	18:00	Hall 4 (Poster Hall)	Maya Al Sid Cheikh; Shiye Zhao; Katsiaryna Pabortsava; Karin Kvale; Lingwei Li	University of Edinburgh; JAMSTEC Japan Agency for Marine-Earth Science and Technology; National Oceanography Centre; Aotearoa Blue Ocean Research; Ohio State University	Human-Ocean Connections	HC34 E
25-Feb	Exploring the Reactivity of Marine Dissolved Organic Matter with Consequences for Carbon Sequestration II eLightning	Session	16:00	17:30	Hall 4, eLightning Theater 1	Cristina Romera-Castillo; Dennis A Hansell; Sarah K Bercovici	Institut de Ciencies del Mar (CSIC); University of Miami; National Oceanography Centre	Ocean Biology and Biogeochemistry	OB34 A

Date	Title	Session Type	Starts	Ends	Room	Presenters	Affiliation	Program	#
25-Feb	Advances in Observing and Modeling the Biological Carbon Pump I Poster	Session	16:00	18:00	Hall 4 (Poster Hall)	Clara R. Vives; Margaret Estapa; Guillaume Liniger; Sandy Jane Thomalla; Stephanie Henson	JAMSTEC Japan Agency for Marine-Earth Science and Technology; University of Maine; Monterey Bay Aquarium Research Institute; Council for Scientific and Industrial Research (CSIR); National Oceanography Centre	Ocean Biology and Biogeochemistry	OB34 B
25-Feb	Toward Improved Estimates of Ocean-Atmosphere Fluxes in the Subpolar North Atlantic	Observations and Modeling of Physical Processes at and near the Air-Sea Interface IV Poster	16:00	18:00	Hall 4 (Poster Hall)	Christian Buckingham	National Oceanography Centre	Air-Sea Interactions	AI34B
25-Feb	Freshening in the Subpolar Gyre: Salinity-Driven Changes in North Atlantic Climate Dynamics	Abrupt Changes in the North Atlantic Ocean Circulation: Past, Present, and Future II Poster	16:00	18:00	Hall 4 (Poster Hall)	Holly Ayres	National Oceanography Centre	Climate and Ocean Change	CC34 A
25-Feb	SORTED: Subpolar Gyre Observations, models and AI to Resolve Tipping points and provide Early warning Detection	Abrupt Changes in the North Atlantic Ocean Circulation: Past, Present, and Future II Poster	16:00	18:00	Hall 4 (Poster Hall)	Alejandra Sanchez-Franks	National Oceanography Centre	Climate and Ocean Change	CC34 A
25-Feb	Anthropogenic Carbon Transport – A Dance Along the Trans-Atlantic OSNAP Line	Ocean Uptake, Transport, and Storage of Heat and Carbon I Poster	16:00	18:00	Hall 4 (Poster Hall)	Claire Boteler	National Oceanography Centre	Climate and Ocean Change	CC34 C

Date	Title	Session Type	Starts	Ends	Room	Presenters	Affiliation	Program	#
25-Feb	Sensor Requirements to Determine Benthic Alkalinity Fluxes with the Aquatic Eddy Covariance and Gradient Flux Techniques	Biogeochemical and Ecological Insights for Evaluation of Marine Carbon Dioxide Removal (mCDR) V Poster	16:00	18:00	Hall 4 (Poster Hall)	Dirk Koopmans	National Oceanography Centre	Carbon Management	CM34 A
25-Feb	MAS DT - Creating the feedback loop between users, ocean models and observing systems for fit-for-purpose ocean observing	Digital Twins of the Ocean: Science and Innovation for a Sustainable Future II Poster	16:00	18:00	Hall 4 (Poster Hall)	Alvaro Lorenzo Lopez	National Oceanography Centre	Digital Ocean	DO34 A
25-Feb	Physical processes mediating the impacts of climate change on the biogeochemistry of the global coastal ocean	Regionally Downscaled Ocean Climate Predictions and Projections I Poster	16:00	18:00	Hall 4 (Poster Hall)	Jason Holt	National Oceanography Centre	Digital Ocean	DO34 B
25-Feb	Downscaling climate projections of shelf – open ocean exchange in the Atlantic Ocean	Regionally Downscaled Ocean Climate Predictions and Projections I Poster	16:00	18:00	Hall 4 (Poster Hall)	Anna Katavouta	National Oceanography Centre	Digital Ocean	DO34 B
25-Feb	Ecosystem Response to Floating Offshore Wind Development in a Seasonally Stratified Sea	Environmental and Ecosystem Responses to Expanding Offshore Renewable Energy II Poster	16:00	18:00	Hall 4 (Poster Hall)	Sarah Wakelin	National Oceanography Centre	Human-Ocean Connections	HC34 A
25-Feb	Transport and modification of overflow waters in the subpolar North Atlantic	Overturning Circulation and Water Mass Transformation in the Northern Oceans II Poster	16:00	18:00	Hall 4 (Poster Hall)	Emma Worthington	National Oceanography Centre	High Latitude Environments	HE34 B

Date	Title	Session Type	Starts	Ends	Room	Presenters	Affiliation	Program	#
25-Feb	Can the Irminger Current impact restratification in the Irminger Sea? A Lagrangian model study on the fate of the Irminger Current water	Overtuning Circulation and Water Mass Transformation in the Northern Oceans II Poster	16:00	18:00	Hall 4 (Poster Hall)	Oliver Tooth	National Oceanography Centre	High Latitude Environments	HE34 B
25-Feb	The role of the Southern Ocean overturning in the recent Antarctic sea ice decline	Variability, Circulation, and Ongoing Change in the Southern Ocean I Poster	16:00	18:00	Hall 4 (Poster Hall)	Dafydd Evans	National Oceanography Centre, Southampton, UK	High Latitude Environments	HE34 E
25-Feb	Large Interspecific Responses to Temperature and Nutrient Balance in Polar Plankton	Responses of Arctic Planktonic Communities to Climate Change and the Impacts on Ecosystem Function II Poster	16:00	18:00	Hall 4 (Poster Hall)	Elena Garcia-Martin	National Oceanography Centre	Marine Ecology and Biodiversity	ME34 C
25-Feb	A novel approach to measure changes in nitrate concentrations in marine sediments under dynamic conditions	Benthic Biogeochemistry and Ecosystem Processes and Synthesis II Poster	16:00	18:00	Hall 4 (Poster Hall)	Anna Lichtschlag	National Oceanography Centre	Ocean Biology and Biogeochemistry	OB34 C
25-Feb	CryoSat-2's 15 years in orbit: measuring significant wave height, wind speed and sea level with a single instrument	Advances in Understanding of Ocean Surface Waves at the Coast: Evidence from New Observations and Models I Poster	16:00	18:00	Hall 4 (Poster Hall)	Chris Banks	National Oceanography Centre	Ocean Technology and Observatories	OT34 A

Date	Title	Session Type	Starts	Ends	Room	Presenters	Affiliation	Program	#
25-Feb	An Early Warning System for Tipping Points in the Greenland Ice Sheet and the North Atlantic Subpolar Gyre: Exploring the Edge of the Possible in the AEROSTATS project	Sustained Ocean Observing for Extremes, Tipping Points, and Climate: Emerging Opportunities with New Remote Sensing Instruments and Platforms I Poster	16:00	18:00	Hall 4 (Poster Hall)	Christine Gommenginger	National Oceanography Centre	Ocean Technology and Observatories	OT34 E