

Date	Title	Session Type	Starts	Ends	Room	Presenters	Affiliation	Program	#
23-Feb	Advancing Multidecadal Global Ocean and Climate Datasets and Their Uncertainties I Oral	Session	08:30	10:00	Hall 3, Tidal Pool	Matthew D Palmer; Aimee Slangen; Richard Cornes; Donata Giglio	University of Bristol; Met Office Hadley Centre; NIOZ Royal Netherlands Institute for Sea Research; National Oceanography Centre; CU Boulder	Digital Ocean	DO11A
23-Feb	Large-Scale Changes in the Arctic and Subarctic: Processes and Impacts I Oral	Session	08:30	10:00	Hall 3, Blue Horizon	Anna-Marie Strehl; Craig Lee; Benjamin Iolo Barton; Ali Mashayek	University of Bergen; University of Washington; National Oceanography Centre; University of Western Brittany; University of Cambridge	High Latitude Environments	HE11B
23-Feb	Pelagic and Coastal Nutrient Cycles in Changing Polar Marine Ecosystems I Oral	Session	08:30	10:00	Forth	Bryan M. M. Spears; Elena Garcia-Martin; Katharine R Hendry; Emma Cavan	UK Centre for Ecology & Hydrology; National Oceanography Centre; British Antarctic Survey; Imperial College London	High Latitude Environments	HE11C
23-Feb	Atlantic Ocean Connectivity Across Latitudes: Large-Scale Processes, Observations, Modeling, and Impacts I Oral	Session	08:30	10:00	Clyde Auditorium	Ivenis Pita; Tillys Petit; Eleanor Frajka-Williams; Tiago Carrilho Bilo	University of Miami; National Oceanography Centre; University of Hamburg; School of Marine Sciences - The University of Maine	Physical Oceanography	PS11A
23-Feb	Organic Carbon Depletion by Intense Trawling in the Western Irish Sea Mud Belt	Anthropogenic Impacts on Blue Carbon Habitats: Evidence for Management and Protection Needs I eLightning	08:48	08:51	Hall 4, eLightning Theater 2	Hannah Muir	National Oceanography Centre	Carbon Management	CM11B
23-Feb	Reconstructing the Atlantic meridional overturning circulation at mid-latitudes using indirect observations	Atlantic Ocean Connectivity Across Latitudes: Large-Scale Processes, Observations, Modeling, and Impacts I Oral	08:53	09:03	Clyde Auditorium	Emma Worthington	National Oceanography Centre, Soton	Physical Oceanography	PS11A
23-Feb	The AMOC, Meridional Heat and Freshwater Transport at 26°N, and the role of Subtropical Mode Waters in Transport Variability	Atlantic Ocean Connectivity Across Latitudes: Large-Scale Processes, Observations, Modeling, and Impacts I Oral	09:13	09:23	Clyde Auditorium	David Smeed	National Oceanography Centre	Physical Oceanography	PS11A
23-Feb	An Open-Source Command & Control Ecosystem for Heterogeneous Fleets of Marine Autonomous Systems	Advancing Ocean Science with Autonomous Vehicles and Sensor Technologies I Oral	09:20	09:30	Hall 3, Deep Blue Lab	Ashley Morris	National Oceanography Centre	Ocean Technology and Observatories	OT11A
23-Feb	Interdisciplinary Approaches and Scalable Pathways for Marine Carbon Dioxide Removal: Integrating Science, Society, and Implementation I eLightning	Session	10:30	12:00	Hall 4, eLightning Theater 2	Phil Renforth; Sandy Avrutin; M. Grace Andrews; Chelsey Adrienne Baker	Heriot-Watt University; GEOMAR Helmholtz Centre for Ocean Research Kiel; Hourglass Climate; National Oceanography Centre, Soton	Carbon Management	CM12B
23-Feb	Open Session on Tides and Coastal Flooding I Oral	Session	10:30	12:00	Hall 3, The Sound	Angela Hibbert; Greg Dusek; Joanne Williams; Michael Hart-Davis	National Oceanography Centre; NOAA Camp Springs; National Oceanography Centre; Technical University of Munich	Coastal and Estuarine Hydrodynamics and Sediment Processes	CP12B
23-Feb	Large-Scale Changes in the Arctic and Subarctic: Processes and Impacts II eLightning	Session	10:30	12:00	Hall 4, eLightning Theater 1	Anna-Marie Strehl; Craig Lee; Benjamin Iolo Barton; Ali Mashayek	University of Bergen; University of Washington; National Oceanography Centre; University of Western Brittany; University of Cambridge	High Latitude Environments	HE12B
23-Feb	Atlantic Ocean Connectivity Across Latitudes: Large-Scale Processes, Observations, Modeling, and Impacts II Oral	Session	10:30	12:00	Clyde Auditorium	Ivenis Pita; Tillys Petit; Eleanor Frajka-Williams; Tiago Carrilho Bilo	University of Miami; National Oceanography Centre; University of Hamburg; School of Marine Sciences - The University of Maine	Physical Oceanography	PS12A

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23-Feb	Application of liquid core waveguides to lab-on-chip sensors for improved in-situ nutrient measurements	Advancing Ocean Science with Autonomous Vehicles and Sensor Technologies II Oral	11:00	11:10	Hall 3, Deep Blue Lab	Panagiotis Galanis	National Oceanography Centre	Ocean Technology and Observatories	OT12A
23-Feb	Shaping the evolution of anthropogenic carbon dynamics in the North Atlantic Ocean: the influence of oceanic features over the last three decades	Marine Carbon Cycle: Past Insights, Present Patterns, and Future Perspectives II Oral	11:10	11:20	Lomond Auditorium	Cathy Wimart-Rousseau	National Oceanography Centre	Climate and Ocean Change	CC12B
23-Feb	Novel Sensors and Samplers for Autonomous Monitoring of the Essential Ocean Variables.	Advancing Ocean Science with Autonomous Vehicles and Sensor Technologies II Oral	11:30	11:40	Hall 3, Deep Blue Lab	Patricia Lopez-Garcia	National Oceanography Centre	Ocean Technology and Observatories	OT12A
23-Feb	Implementing Complex Citation to Drive a Resilient, Global Digital Ecosystem	Bridging the Ocean with Data: Connected Regional Services Driving a Resilient, Interoperable Global Ocean Digital Ecosystem I Oral	15:08	15:18	Alsh (SEC)	James Ayliffe	National Oceanography Centre BODC	Digital Ocean	DO13A
23-Feb	Large-Scale Changes in the Arctic and Subarctic: Processes and Impacts III Oral	Oral	14:00	15:30	Hall 3, Blue Horizon	Anna-Marie Strehl Parvathi Vallivattathillam	University of Bergen National Oceanography Centre	High Latitude Environments	HE13B
23-Feb	Open Session on Tides and Coastal Flooding II Oral	Session	14:00	15:30	Hall 3, The Sound	Angela Hibbert; Greg Dusek; Joanne Williams; Michael Hart-Davis	National Oceanography Centre; NOAA Camp Springs; National Oceanography Centre; Technical University of Munich	Coastal and Estuarine Hydrodynamics and Sediment Processes	CP13A
23-Feb	Large-Scale Changes in the Arctic and Subarctic: Processes and Impacts III Oral	Session	14:00	15:30	Hall 3, Blue Horizon	Anna-Marie Strehl; Craig Lee; Benjamin Iolo Barton; Ali Mashayek	University of Bergen; University of Washington; National Oceanography Centre; University of Western Brittany; University of Cambridge	High Latitude Environments	HE13B
23-Feb	Environmental and Ecosystem Responses to Expanding Offshore Renewable Energy I Oral	Session	14:00	15:30	Hall 3, Deep Blue Lab	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	HC13A
23-Feb	Coastal Sea Level Variability from Integrated Tide Gauge and Sentinel-3 Altimetry in UK Coastal Regions	Poster	16:00	18:00	Hall 4 (Poster Hall)	Nurul Tazaroh	National Oceanography Centre	Coastal and Estuarine Hydrodynamics and Sediment Processes	CP14C
23-Feb	The Global Endeavour to Create a Seamless Map of our Ocean Floor: The Nippon Foundation-GEBCO Seabed 2030 Project	Poster	16:00	18:00	Hall 4 (Poster Hall)	Alice Cunningham	National Oceanography Centre BODC	Deep Sea Exploration	DS14A
23-Feb	Interdisciplinary Approaches and Scalable Pathways for Marine Carbon Dioxide Removal: Integrating Science, Society, and Implementation II Poster	Session	16:00	18:00	Hall 4 (Poster Hall)	Phil Renforth; Chelsey Adrienne Baker; Sandy Avrutin; M. Grace Andrews	Heriot-Watt University; National Oceanography Centre, Soton; GEOMAR Helmholtz Centre for Ocean Research Kiel; Hourglass Climate	Carbon Management	CM14 B
23-Feb	Open Session on Tides and Coastal Flooding III Poster	Session	16:00	18:00	Hall 4 (Poster Hall)	Angela Hibbert; Greg Dusek; Joanne Williams; Michael Hart-Davis	National Oceanography Centre; NOAA Camp Springs; National Oceanography Centre; Technical University of Munich	Coastal and Estuarine Hydrodynamics and Sediment Processes	CP14C
23-Feb	Advancing Multidecadal Global Ocean and Climate Datasets and Their Uncertainties II Poster	Session	16:00	18:00	Hall 4 (Poster Hall)	Matthew D Palmer; Aimee Slangen; Richard Cornes; Donata Giglio	University of Bristol; Met Office Hadley Centre; NIOZ Royal Netherlands Institute for Sea Research; National Oceanography Centre; CU Boulder	Digital Ocean	DO14B
23-Feb	Large-Scale Changes in the Arctic and Subarctic: Processes and Impacts IV Poster	Session	16:00	18:00	Hall 4 (Poster Hall)	Anna-Marie Strehl; Craig Lee; Benjamin Iolo Barton; Ali Mashayek	University of Bergen; University of Washington; National Oceanography Centre; University of Western Brittany; University of Cambridge	High Latitude Environments	HE14C

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23-Feb	Pelagic and Coastal Nutrient Cycles in Changing Polar Marine Ecosystems II Poster	Session	16:00	18:00	Hall 4 (Poster Hall)	Bryan M. M. Spears; Elena Garcia-Martin; Katharine R Hendry; Emma Cavan	UK Centre for Ecology & Hydrology; National Oceanography Centre; British Antarctic Survey; Imperial College London	High Latitude Environments	HE14D
23-Feb	Advancing the Understanding of Ocean Deoxygenation Using Mechanistic Models and Machine Learning Approaches I Poster	Session	16:00	18:00	Hall 4 (Poster Hall)	Gian Giacomo Navarra; Giulia Bonino; Mercedes Pozo Buil; Lyuba Novi	Princeton University; CMCC Foundation - Euro-Mediterranean Centre on Climate Change; University of California Santa Cruz; National Oceanography Centre	Ocean Biology and Biogeochemistry	OB14A
23-Feb	Go with the Flow: Advances in Aquatic Microbial Biodiversity Using Flow and Imaging Cytometry I Poster	Session	16:00	18:00	Hall 4 (Poster Hall)	Nicole Poulton; Sophie Clayton; Raif Yuecel	Bigelow Laboratory for Ocean Sciences; National Oceanography Centre; Centre for Cytomics, University of Exeter	Ocean Biology and Biogeochemistry	OB14C
23-Feb	Atlantic Ocean Connectivity Across Latitudes: Large-Scale Processes, Observations, Modeling, and Impacts III Poster	Session	16:00	18:00	Hall 4 (Poster Hall)	Ivenis Pita; Tillys Petit; Eleanor Frajka-Williams; Tiago Carrilho Bilo	University of Miami; National Oceanography Centre; University of Hamburg; School of Marine Sciences - The University of Maine	Physical Oceanography	PS14A
23-Feb	Climate change signals in POC flux appear earlier in the deep sea than in the surface ocean	Climate Change in the Deep Sea: Impacts, Interventions, and Cumulative Stressors I Poster	16:00	18:00	Hall 4 (Poster Hall)	Anieke Brombacher	National Oceanography Centre	Climate and Ocean Change	CC14B
23-Feb	Resolving Coastal Complexity in Scottish Sea Lochs through Hydrodynamic Simulation	Fjords in Transition: Connecting Physical, Biogeochemical, and Ecosystem Dynamics in the Land-Ocean Continuum Under a Changing Climate III Poster	16:00	18:00	Hall 4 (Poster Hall)	Benjamin Barton	National Oceanography Centre	Climate and Ocean Change	CC14C
23-Feb	Climate change impact on seabed stress and mobility.	Ocean Dynamics on the Northwest European Shelf: From Coastal Processes to Climate Drivers I Poster	16:00	18:00	Hall 4 (Poster Hall)	Julia Rulent	National Oceanography Centre	Climate and Ocean Change	CC14F
23-Feb	A large non-Ekman and nonlinear downwelling circulation emerges along sections of the Northwest European shelf-edge at fine model resolution	Ocean Dynamics on the Northwest European Shelf: From Coastal Processes to Climate Drivers I Poster	16:00	18:00	Hall 4 (Poster Hall)	Anthony Wise	National Oceanography Centre	Climate and Ocean Change	CC14F
23-Feb	Assessing the impacts of climate change on seasonal phytoplankton variability on the Northwest European shelf	Ocean Dynamics on the Northwest European Shelf: From Coastal Processes to Climate Drivers I Poster	16:00	18:00	Hall 4 (Poster Hall)	Jennifer Jardine	National Oceanography Centre	Climate and Ocean Change	CC14F
23-Feb	<i>Advancing the potential for environmentally safe, socially acceptable, economically viable, and climatically sustainable mCDR implementation through effective evaluation and assessment mechanisms</i>	Interdisciplinary Approaches and Scalable Pathways for Marine Carbon Dioxide Removal: Integrating Science, Society, and Implementation II Poster	16:00	18:00	Hall 4 (Poster Hall)	Christopher Pearce	National Oceanography Centre	Carbon Management	CM14 B
23-Feb	Assessing the environmental and socio-economic viability, impacts and co-benefits of Atlantic coastal ocean alkalinity enhancement	Modeling Approaches for Marine Carbon Dioxide Removal (mCDR) IV Poster	16:00	18:00	Hall 4 (Poster Hall)	Chelsey Baker	National Oceanography Centre, Soton	Carbon Management	CM14 C

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23-Feb	Modelling storm surge from cyclones of tropical origin in the North-East Atlantic	Improved Observing and Modeling Systems for Understanding of Tropical Cyclones and Winter Storms and Their Impacts in Mixing I Poster	16:00	18:00	Hall 4 (Poster Hall)	Melissa Wood	National Oceanography Centre	Coastal and Estuarine Hydrodynamics and Sediment Processes	CP14B
23-Feb	Forecasting tide and storm surges in estuaries: a depth-dependent delay method to improve tide predictions at difficult sites.	Open Session on Tides and Coastal Flooding III Poster	16:00	18:00	Hall 4 (Poster Hall)	Joanne Williams	National Oceanography Centre	Coastal and Estuarine Hydrodynamics and Sediment Processes	CP14C
23-Feb	Idealized Modelling of Compound Flooding Effects in Estuaries with Differing Channel Geometries and Bathymetries	Open Session on Tides and Coastal Flooding III Poster	16:00	18:00	Hall 4 (Poster Hall)	Constantinos Matsoukis	National Oceanography Centre	Coastal and Estuarine Hydrodynamics and Sediment Processes	CP14C
23-Feb	How does tide-surge-river interaction affect estuarine extreme water levels?	Open Session on Tides and Coastal Flooding III Poster	16:00	18:00	Hall 4 (Poster Hall)	Xiaoyan Wei	National Oceanography Centre	Coastal and Estuarine Hydrodynamics and Sediment Processes	CP14C
23-Feb	GloMarGridding: A Flexible Framework for Assessing Structural Uncertainty in Gridded Ocean Temperature Datasets	Advancing Multidecadal Global Ocean and Climate Datasets and Their Uncertainties II Poster	16:00	18:00	Hall 4 (Poster Hall)	Richard Cornes	National Oceanography Centre	Digital Ocean	DO14B
23-Feb	Arctic to the North Atlantic Ocean connections from modelling and particles tracking	Improving Understanding of Processes in the High-Latitude and Sea Ice-Covered Oceans: Ongoing and Future Observation and Modeling Efforts II Poster	16:00	18:00	Hall 4 (Poster Hall)	Yevgeny Aksenov	National Oceanographic Centre, Southampton, UK	High Latitude Environments	HE14B
23-Feb	Modelling the Feedbacks of Changing Freshwater Input in the North Atlantic Subpolar Gyre	Large-Scale Changes in the Arctic and Subarctic: Processes and Impacts IV Poster	16:00	18:00	Hall 4 (Poster Hall)	Ryan Patmore	National Oceanography Centre	High Latitude Environments	HE14C
23-Feb	Potential for Future Erosion in the Arctic in the CANARI HadGEM3 Large Ensemble	Responses of the Pan-Arctic Coupled Physical-Chemical-Biological System to Ongoing Environmental Changes II Poster	16:00	18:00	Hall 4 (Poster Hall)	Stefanie Rynders	National Oceanography Centre	High Latitude Environments	HE14E
23-Feb	Bridging Models and Observations: A Toolbox for Designing and Testing Ocean Monitoring Strategies	Tools in Harmony: Integrating Observations and Models for Improved Understanding of a Changing Ocean I Poster	16:00	18:00	Hall 4 (Poster Hall)	Thomas Prime	National Oceanography Centre, Soton	Ocean Technology and Observatories	OT14G
23-Feb	Energetics of the North Atlantic Current in the Iceland Basin	Atlantic Ocean Connectivity Across Latitudes: Large-Scale Processes, Observations, Modeling, and Impacts III Poster	16:00	18:00	Hall 4 (Poster Hall)	Tiago Segabinazzi Dotto	National Oceanography Centre	Physical Oceanography	PS14A
23-Feb	Water Mass Changes in Florida Straits Since 2001	Atlantic Ocean Connectivity Across Latitudes: Large-Scale Processes, Observations, Modeling, and Impacts III Poster	16:00	18:00	Hall 4 (Poster Hall)	Elaine McDonagh	National Oceanography Centre, Southampton, UK	Physical Oceanography	PS14A

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23-Feb	Investigating connectivity of the North Atlantic Meridional Overturning Circulation from along-track satellite altimetry	Atlantic Ocean Connectivity Across Latitudes: Large-Scale Processes, Observations, Modeling, and Impacts III Poster	16:00	18:00	Hall 4 (Poster Hall)	Anneke Sperling	University of Edinburgh/National Oceanography Centre	Physical Oceanography	PS14A
23-Feb	RAPID Evolution: designing the future AMOC observing system at 26N	Atlantic Ocean Connectivity Across Latitudes: Large-Scale Processes, Observations, Modeling, and Impacts III Poster	16:00	18:00	Hall 4 (Poster Hall)	Ben Moat	National Oceanography Centre	Physical Oceanography	PS14A
23-Feb	Evaluation of a Reduced RAPID Array for Measuring the AMOC	Atlantic Ocean Connectivity Across Latitudes: Large-Scale Processes, Observations, Modeling, and Impacts III Poster	16:00	18:00	Hall 4 (Poster Hall)	Tillys Petit	National Oceanography Centre	Physical Oceanography	PS14A