

**Monday 24 September**

	Lecture Hall A	Lecture Hall B	Lecture Hall C	Lecture Hall J	Lecture Hall M
09:00-10:00	Welcome coffee and registration				
10:00-11:00	Opening and award ceremony Presentation of the ICES Outstanding Achievement Award				
11:00-12:00	<b>Keynote lecture</b> Christian Möllmann & Martin Quaas: Integrating ecological and economic perspectives on regime shifts in harvested marine ecosystems				
12:00-13:30		<b>A</b> Mesopelagic ecosystems: fish and invertebrate population biomass and biodiversity, and role in carbon flux	<b>L</b> Future-oriented seafood markets: economic dimensions, ecological compatibility and social aspects of fisheries and aquacultures	<b>E</b> Cumulative effects assessment in the marine realm: approaches, examples and future needs	<b>B</b> Modernizing fisheries stock assessment and monitoring with genetic methods
13:30-14:30	Lunch				
14:30-16:00		<b>A</b> Mesopelagic ecosystems: fish and invertebrate population biomass and biodiversity, and role in carbon flux	<b>L</b> Future-oriented seafood markets: economic dimensions, ecological compatibility and social aspects of fisheries and aquacultures	<b>E</b> Cumulative effects assessment in the marine realm: approaches, examples and future needs	<b>B</b> Modernizing fisheries stock assessment and monitoring with genetic methods
16:00-16:30	Coffee break				
16:30-17:30			<b>Open session</b> Do you know more about climate change issues than the wider European public?	<b>Open session</b> Methodological advances to evaluate ecosystem impacts of human activities	
18:30-21:30	Opening reception at the Mozartsäle Hamburg				

Note: Programme is subject to change. Last updated: 31 May

**Tuesday 25 September**

	Lecture Hall B	Lecture Hall C	Lecture Hall J	Lecture Hall M
09:00-10:00	<b>Keynote lecture</b> Ingrid van Putten: Unexpected outcomes and unpredictable managers, fishers, and scientists			
10:00-10:30	Coffee break			
10:30-12:30	<b>K</b> How are we managing? Developing new management tools for commercially exploited sharks and rays	<b>C</b> Assessing and analysing marine spatial planning - knowledge - indicators - visions	<b>J</b> Survey data products for stock and ecosystem assessments: Challenges and future directions	<b>H</b> Preparing for change; challenges for fisheries governance
12:30-13:30	Lunch			
13:30-15:30	<b>K</b> How are we managing? Developing new management tools for commercially exploited sharks and rays	<b>C</b> Assessing and analysing marine spatial planning - knowledge - indicators - visions	<b>J</b> Survey data products for stock and ecosystem assessments: Challenges and future directions	<b>Q</b> Sustainability thresholds and ecosystem functioning: the selection, calculation, and use of reference points in fishery management (co-sponsored by PICES)
15:30-16:00	Coffee break			
16:00-17:30	<b>K</b> How are we managing? Developing new management tools for commercially exploited sharks and rays	<b>C</b> Assessing and analysing marine spatial planning - knowledge - indicators - visions	<b>J</b> Survey data products for stock and ecosystem assessments: Challenges and future directions	<b>Q</b> Sustainability thresholds and ecosystem functioning: the selection, calculation, and use of reference points in fishery management (co-sponsored by PICES)
17:45-19:00		<b>Open session</b> Data's Den: Show us your best tools to process and present data	<b>Open session</b> Marine science slam	
19:00-20:30	<b>Poster session</b>			

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Wednesday 26 September

	Lecture Hall B	Lecture Hall C	Lecture Hall J	Lecture Hall M
09:00-10:30	<b>R</b> Towards a better understanding of human behaviour for improved fisheries science and management	<b>P</b> Electronic monitoring and movement analysis in fisheries: applications of emerging science	<b>J</b> Survey data products for stock and ecosystem assessments: Challenges and future directions	<b>Q</b> Sustainability thresholds and ecosystem functioning: the selection, calculation, and use of reference points in fishery management (co-sponsored by PICES)
10:30-11:00	Coffee break			
11:00-12:30	<b>R</b> Towards a better understanding of human behaviour for improved fisheries science and management	<b>P</b> Electronic monitoring and movement analysis in fisheries: applications of emerging science	<b>O</b> Working toward an ecosystem approach to north atlantic marine aquaculture	<b>I</b> Tipping points complex nature and implications to marine socio-ecological systems management (co-sponsored by PICES)
12:30-13:30	Lunch			
13:30-15:30	<b>R</b> Towards a better understanding of human behaviour for improved fisheries science and management	<b>P</b> Electronic monitoring and movement analysis in fisheries: applications of emerging science	<b>F</b> Bottom-up approaches: the contribution of marine benthos to management, conservation and monitoring, taking stock and setting research direction	<b>I</b> Tipping points complex nature and implications to marine socio-ecological systems management (co-sponsored by PICES)
15:30-16:00	Coffee break			
16:00-17:00		<b>Open session</b> Public-private partnerships for the exploration of the sea	<b>Open session</b> How do we best incorporate social and economic analyses in management advice?	
19:00-22:00	Conference dinner			

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**Thursday 27 September**

	Lecture Hall B	Lecture Hall C	Lecture Hall J	Lecture Hall M
09:00-11:00	<b>R</b> Towards a better understanding of human behaviour for improved fisheries science and management	<b>N</b> Technical approaches to reduce the environmental impact of fishing	<b>D</b> The Nordic seas and the Arctic – climatic variability and its impact on marine ecosystems, fisheries and policymaking	<b>M</b> Molecules and morphology: integrative taxonomic analysis of marine planktonic assemblages
11:00-11:30	Coffee break			
11:30-13:30	<b>R</b> Towards a better understanding of human behaviour for improved fisheries science and management	<b>N</b> Technical approaches to reduce the environmental impact of fishing	<b>D</b> The Nordic seas and the Arctic – climatic variability and its impact on marine ecosystems, fisheries and policymaking	<b>G</b> Ocean basin-scale research and management: challenges and opportunities
13:30-14:30	Lunch			
14:30-15:30	<b>Keynote lecture</b> Murray Roberts: Understanding deep-sea Atlantic ecosystems at ocean basin scale			
15:30-16:15	<b>Closing ceremony</b>			

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