



23RD
INTERNATIONAL
PECTINID WORKSHOP
APRIL 24TH - 30TH 2024
DOUGLAS, ISLE OF MAN

WORKSHOP PROGRAMME 19/4/2024

Wednesday 24th April: Registration and Evening Reception

Start	End	Item	Location
14:00	18:00	Workshop registration desk open	Empress Hotel Lobby
18:00	20:00	Evening Reception with welcome drinks and finger buffet With special presentations by Fynoderee Distillery and Bushy's Ales of Man	Empress Hotel Lobby

Thursday 25th April: Fisheries Session

Item	Start	End	Speaker	Title
Housekeeping	09:30	09:35	Isobel Bloor	Agenda, breaks & lunch, fire safety, toilets etc.
Welcome	09:30	09:45	Minister Clare Barber	Isle of Man Ministerial Welcome to IPW 2024 and the Isle of Man
Opening of Conference	09:45	10:00	Andy Brand/Peter Duncan	Welcome and Introduction to the IPW 2024
Fisheries Session 1:				
Talk 1	10:00	10:20	Eric Foucher	A marine rotational harvest area in the Bay of Seine (Eastern English Channel), France: effects on king scallop (<i>Pecten maximus</i>) population dynamics
Talk 2	10:20	10:40	Melissa Smith	Rotational management of Maine's state waters scallop fishery: a ten-year review
Talk 3	10:40	11:00	Connor Buckley	Adapting to a New Paradigm: Atlantic Sea Scallop Management Under Climate Change
Coffee	11:00	11:20		
Talk 4	11:20	11:40	Kevin Stokesbury	The United States sea scallop resource: its historic success and present decline
Talk 5	11:40	12:00	Jonathon Peros	Bonanza and Bust: management lessons from an extraordinary recruitment event
Talk 6	12:00	12:20	Mario Lasta	The Patagonian scallop (<i>Zygochlamys patagonica</i>) fishery: 20 years of fishing in 20 minutes. Why didn't it collapse?
Talk 7	12:20	12:40	Juan Alberti	The complete footprint of the Patagonian scallop bottom-trawl fishery on the Argentine shelf
Lunch	12:40	13:40		
Fisheries Session 2:				
Talk 8	13:40	14:00	Marcelo Kittlein	Effects of resource spatial distribution and tow overlap in the accuracy and precision of common methods used to estimate dredge efficiency for bottom trawl.
Talk 9	14:00	14:30	Guillermo Martin	Progress in high-resolution spatial-temporal data analysis for use in scallop fisheries management
Talk 10	14:20	14:40	Jessica Sameoto	Spatial approaches to adapt to emerging challenges in fisheries management
Coffee	14:40	15:00		
Talk 11	15:00	15:20	Skylar Bayer	An analysis of reproduction and recruitment spatio-temporal dynamics of Iceland scallops in Breiðafjörður bay after a fishery collapse
Talk 12	15:20	15:40	Isobel Bloor	Enhanced data collection and near real-time spatial monitoring of the Isle of Man scallop fishery
Talk 13	15:40	16:00	Lynda Blackadder	ICES WGScallop: International collaboration for scallop science
Speedy Scallops:				
Speedy scallops 1	16:00	16:10	James Williams	NZ scallop AI: Developments in camera-based surveying and machine-learning detection and sizing of New Zealand scallops (<i>Pecten novaezelandiae</i>)
Speedy scallops 2	16:10	16:20	Deborah Hart	Long-term changes in growth and meat yield in U.S. sea scallop populations
Speedy Scallops 3	16:20	16:30	Skylar Bayer	Alaskan weathervane scallop (<i>Patinopecten caurinus</i>) fishery
Close	16:30	16:40		

Friday 26th April: Fisheries Industry Day

Speaker	Title	Time	Session
Peter Duncan	Welcome	09:00 - 09:05	
Bryce Stewart	Casting into the future of scallop fisheries	09:05 - 09:25	Future of Scallop Fisheries: Chair Peter Duncan
Everyone	Discussion	09:30 - 09:40	
David Beard	Isle of Man industry vision (& co-management)	09:35 - 09:45	Industry and Management perspectives on scallop fisheries (UK/IoM): Chair Bryce Stewart
Andrew Brown	Macduff Shellfish (UK) vision for the future	09:45 - 09:55	
Jack Emmerson	Regulator's perspective of scallop fishery management	09:55 - 10:05	
Annabel Stockwin	Next steps for (English/Welsh) Scallop Fisheries Management Plan (FMP)	10:05 - 10:15	
Mairi Fenton	Management approach 'clustering'	10:15 - 10:25	
Everyone	Discussion - Panel	10:25 - 10:40	
Everyone	Coffee break	10:40 - 11:10	
Mario Lasta	Patagonian scallop fishery (Argentina)	11:10 - 11:20	Lessons from Global Scallop Fisheries: Chair Isobel Bloor
Eric Foucher	<i>Baie de Seine</i> scallop fishery (France)	11:20 - 11:30	
Jonathon Peros	Sea Scallop: boom – bust (USA)	11:30 - 11:40	
Everyone	Discussion - Panel	11:40 - 12:00	
Everyone	Lunch	12:00 - 13:00	
Charlotte Coombes	Marine Conservation Society: Good Fish Guide	13:00 - 13:10	Environmental Impacts, Marine Space and harvesting innovations: Chair Peter Duncan
Mairi Fenton	Strategies for Mitigating Seabed Impact	13:10 - 13:20	
Dagny-Elise Anastassiou	Scallop Remote Harvesting	13:20 - 13:30	
Rob Enever	Scallop Potting Trials	13:30 - 13:40	
Kevin Stokesbury	Scallops and windfarms	13:40 - 13:50	
Everyone	Discussion - Panel	13:50 - 14:10	
Everyone	Coffee break	14:10 - 14:30	
Andrew Brown	Scallop Shucking at Sea	14:30 - 14:40	Industry research for scallop fisheries: Chair Bryce Stewart
David Beard	Industry Research Isle of Man - surveys, excess scallop scheme	14:40 - 14:50	
Everyone	Discussion - Panel	14:50 - 15:00	
Everyone	Round up and Summary of key points/issues	15:00 - 15:30	
Everyone	Conference Photo	15:30 - 15:40	
Everyone	Poster session with drinks and nibbles	15:40 - 16:40	

Poster Session: throughout and Friday 26th, 15:30 - 16:30 (approx.) – Drinks and nibbles

Presenter	Title
Skylar Bayer	Knowledge gaps and research opportunities in the Alaskan weathervane scallop (<i>Patinopecten caurinus</i>) fishery
Isobel Bloor and Lynda Blackadder	ICES WG Scallop
Leander Harlow , Mark James and Katja Ovchinnikova	Neural networks for scallop (<i>Pecten maximus</i>) identification in natural marine habitats
Ivan Župan , Rino Stanić and Melita Peharda	Age and growth studies of scallop species living in the Mediterranean Sea – a review of methods, findings and opportunities for sclerochronology research
Max Zavell, Sandra Shumway , Odd Lindahl and Ramon Filgueira	An estimate of carbon storage capabilities of wild and cultured shellfish in the Northwest Atlantic and their potential inclusion in a carbon economy.

Saturday 27th April (1/2 Day): Fisheries, Gear and Survey Developments, Other Wild Harvest Methods

PLEASE NOTE, THIS SESSION WILL BE HELD IN THE CONNAUGHT ROOM (NOT IN THE MAIN LECTURE ROOM)

Item	Start	End	Speaker	Title
Welcome	09:00	09:10		
Fisheries Session 3:				
Talk 1	09:10	09:30	James Williams	Dive, dredge and camera surveys and assessment of New Zealand scallops (<i>Pecten novaezelandiae</i>)
Talk 2	09:30	09:50	Adam Delargy	A comparison of survey designs for marine benthic invertebrate sampling
Talk 3	09:50	10:00	Amber Lisi	Investigating recent improvements to the SMAST Atlantic Sea Scallop, <i>Placopecten magellanicus</i> , drop camera survey.
Talk 4	10:00	10:20	Sally Roman	Modifications to a scallop dredge twine top to reduce flatfish catch
Coffee	10:20	10:40		
Talk 5	10:40	11:00	Ellen Sofie Grefsrud	Diver-Based Fishery of the Scallop <i>Pecten Maximus</i> in Norway
Talk 6	11:00	11:20	Phoebe Jekielek	eDNA: Dragging a new dredge for sea scallop (<i>Placopecten magellanicus</i>) fisheries monitoring
Talk 7	11:20	11:40	Craig Lego	Small-scale spatial dynamics of sea stars, <i>Asterias</i> spp., and Atlantic sea scallops, <i>Placopecten magellanicus</i> , in the Nantucket Lightship area
Talk 8	11:40	12:00	Esteban Felix-Pico	Fluctuations in Pacific calico scallop (<i>Argopecten ventricosus</i>) and other small-scale fisheries associated with mangrove areas in the Magdalena Bay, Baja California Sur, Mexico
Talk 9	12:00	12:20	Ivan Župan	Seasonal variations of condition, gonad somatic and adductor muscle indices of the Mediterranean scallop <i>Pecten jacobaeus</i> L. from the Adriatic Sea (Croatia)
Speedy Scallops:				
Speedy Scallop 1	12:20	12:30	Gyda Christophersen	Alive, dead or in-between – how to deal with future welfare demands?
Speedy Scallop 2	12:30	12:40	Florian Breton	Tinduff Hatchery (France) From Science to Hatchery
Speedy Scallop 3	12:40	12:50	Phoebe Jekielek	Scallop larval supply study, Maine, USA
Close	12:50	13:00		
Lunch (Hotel)	13:00	14:00		

Sunday 28th April: Round Island Tour

Start	End	Item	Stay	Transit
08:00	08:00	Pickup Empress Hotel (Douglas)		
08:00	08:30	Transit to Laxey		
08:30	09:30	Laxey Wheel – with entry to view the wheel	60	
09:30	10:10	Transit to Point of Ayre		40
10:10	11:00	Point of Ayre & Bird Reserve (with talk)	50-60	
11:00	11:20	Transit to Ramsey		20
11:20	13:00	Fynoderee Gin Distillery Tour and Lunch	100	
13:00	13:40	Transit to Peel (joined by tour guide)		40
13:40	14:20	Short guided walking tour in Peel	40	
14:20	15:05	Transit to the Sound		45
15:05	15:35	The Sound - views and seal spotting	30	
15:35	15:45	Transit to Port Erin		10
16:00	17:05	Steam train to Douglas (refreshments)		
17:05	17:15	Bus transit to hotel (or walk)		

Monday 29th April: Biology, Environment and Aquaculture

Item	Start	End	Speaker	Title
Welcome	09:30	09:40		
Bio, Eco & Genetics Session 1:				
Talk 1	09:40	10:00	Bryce Stewart	Marine protected areas: can they really provide benefits for both conservation and scallop fisheries?
Talk 2	10:00	10:20	Carl Huntsberger	Is growth slower or is it us? Growth estimates and their implications from a tagging study in Penobscot Bay Maine, USA
Talk 3	10:20	10:40	Maya Harries	Annual growth marks within the calcareous plate of <i>Aequipecten opercularis</i>
Coffee	10:40	11:00		
Talk 4	11:00	11:20	Deborah Hart	Collapse of Mid-Atlantic Bight Sea Scallop (<i>Placopecten magellenicus</i>) Populations Due to Warming Temperatures
Talk 5	11:20	11:40	Halle Berger	Assessing Vulnerability of the U.S. Atlantic Sea Scallop to ocean acidification and warming: a dynamic energy budget modeling approach
Talk 6	11:40	12:00	Deborah Hart	Cross-generational effects of ocean acidification on a third generation of bay scallops
Lunch	12:00	13:00		
Bio, Eco & Genetics Session 2:				
Talk 7	13:00	13:20	Halle Berger	Dynamic Pathway to Transition from Vulnerable to Resilient Fisheries Social-Ecological Systems: A Transdisciplinary Case Study of the U.S. Atlantic Sea Scallop
Talk 8	13:20	13:40	Roger Mann	Moving Baselines: managing scallop fisheries in a period of climate change
Talk 9	13:40	14:00	Ellen Sofie Grefsrud	Scallop (<i>Pecten maximus</i>) moving northward
Talk 10	14:00	14:20	Luz Pérez-Parallé	The fall in the production of scallops in Spain
Coffee	14:20	14:35		
Talk 11	14:35	14:55	Eline Le Moan	Linking life traits and Dynamic Energy Budget parameters to better understand domoic acid contamination in five pectinid species
Talk 12	14:55	15:15	Kaitlyn Kowaleski	Extreme Population Densities Impact Reproductive Effort and Oocyte Development in Atlantic Sea Scallops
Talk 13	15:15	15:35	Karin Lohrmann	Is <i>Francisella halioticida</i> to blame for mortalities of adult scallops (<i>Argopecten purpuratus</i>) in Tongoy Bay, Chile?
Speedy Scallops				
SS 1	15:35	15:45	Kaitlyn Kowaleski	Fine-scale Variation in Atlantic Sea Scallop Reproductive Activity in the Mid-Atlantic Bight from Spring 2015
SS 2	15:45	15:55	Florian Breton	Tinduff Hatchery: Title: From Hatchery to Science
SS 3	15:55	16:05	Luz Pérez-Parallé	Aquatic One Health Research Center (former Institute of Aquaculture)
Close	16:05			

Tuesday 30th April: Biology, Environment and Aquaculture

Item	Start	End	Speaker	Title
Welcome	09:30	09:40		
Ranching and Aquaculture: Session 1:				
Talk 1	09:40	10:00	Phoebe Jekielek	A comparative study of sea scallop (<i>Placopecten magellanicus</i>) energy investment strategies in farmed and wild environments
Talk 2	10:00	10:20	Ellen Sofie Grefsrud	Scallop (<i>Pecten maximus</i>) sea ranching in Norway – lessons learned
Isle of Man Scallop review:				
Talk 3	10:20	10:40	Peter Duncan	Scallop management in the Manx marine environment (a retrospective and future look)
Coffee	10:40	11:00		
IPW Future	11:00	11:20	All	
Next meeting	11:20	11:40	All	
Wrap up	11:40	12:00		