

# NEWFOUNDLAND AQUACULTURE INDUSTRY ASSOCIATION



## FARMING OUR OCEANS: PROUD. INNOVATIVE. RESPONSIBLE.

### 29<sup>th</sup> Annual Conference & Trade Show

Sheraton Hotel Newfoundland, St. John's, Newfoundland and Labrador, Canada  
October 8 – 10, 2024

#### Day 1: Tuesday, October 8, 2024

09:00	to	17:00	Seaweed Workshop hosted by the Fisheries and Marine Institute of Memorial University (The Courtyard)
12:00	To	17:00	Trade Show Set Up (Sheraton Trade Show Area)
19:00	to	21:00	Cold Harvest Opening Reception (Sheraton Trade Show Area)

#### Day 2: Wednesday, October 9, 2024

<b>Welcome Session (Salon A)</b>			
09:00	to	09:45	<p>Welcome and Greetings</p> <p>Session Chairperson: Jamie Baker, Executive Director – Newfoundland Aquaculture Industry Association.</p> <ul style="list-style-type: none"> <li>Chief Brad Benoit, Miawpukek First Nation.</li> <li>Jonathan Gagné, President - Newfoundland Aquaculture Industry Association.</li> <li>The Honourable Dr. Andrew Furey, Premier - Province of Newfoundland and Labrador</li> <li>His Worship Danny Breen, Mayor of the City of St. John's.</li> </ul>
09:45	to	10:30	<p><b>Keynote Address: Dr. George Chamberlain, President, The Center for Responsible Seafood.</b></p> <p><b>Essentials for our Sustainability Journey: Collaboration, Innovation, and Continuous Improvement</b></p>
10:30	to	11:00	NUTRITION BREAK (Trade Show Area)
<b>Dynamic Perspectives on Strengthening Your Social License - Interactive Panel Session</b>			
<b>Facilitator: Marilyn Butland, Butland Communications (Salon A)</b>			
11:00	to	12:30	<p>Panelists:</p> <ul style="list-style-type: none"> <li>Dr. Bente E. Torstensen, CEO, Nofima.</li> <li>Dr. George Chamberlain, President, The Center for Responsible Seafood.</li> <li>Barb Dean Simmons, Senior Reporter, Undercurrent News.</li> <li>Steven Hedlund, Director of Public Affairs, Cooke Aquaculture USA</li> <li>James Sibley, Content Creator, Mowi and Salmon Scotland (via call-in).</li> </ul>
12:30	to	14:00	Lunch on Your Own -- <b>NAIA AGM for NAIA Members (Oppidan, Sheraton Hotel)</b>
		<b>Extensive Aquaculture (Shellfish and Kelps) – Chairpersons Stephanie Synard-McInnis, FFA and Chris Hendry, DFO (Avalon / Battery)</b>	
		<b>Human Resources and Community Development - Chairperson Amy Negrijn, Mowi Canada East (Salon A)</b>	
14:00	to	14:20	<p>Environmental and Biological Monitoring and Multi Species Strategy – Kerri-Ann Boone, NL Department of Fisheries Forestry Agriculture.</p>
14:20	to	14:40	Innovation in Shellfish Aquaculture: An Industry Perspective – Dr. Tiago Hori, Atlantic Aqua Farms Ltd.
14:40	to	15:00	Maximizing Yield and Freshness in the Cold Chain - Kyle Morrison, Deepchill Solutions Inc.
15:00	to	15:20	
<p>Presentations and discussion on human resource challenges and solutions and community development options to meet future HR needs with increasing aquaculture production.</p> <p>Panelists:</p> <ul style="list-style-type: none"> <li>Mayor Steve Crewe, the Town of Hermitage-Sandyville.</li> <li>Paul Shelley, President/ CEO, Work Global Canada.</li> <li>Ryan Thistle, Venor (Atlantic Canadian recruiting firm).</li> <li>Mayor Brian Keating, the Town of Marystown.</li> </ul>			

15:20 to 15:50	NUTRITION BREAK (Trade Show Area)	
	<b>Extensive Aquaculture (Shellfish and Kelps) – Chairpersons Stephanie Synard-McInnis, FFA and Chris Hendry, DFO (Avalon / Battery)</b>	<b>Environmental Performance and Reporting – Chairperson Jonathan Kawaja, Mowi Canada East (Salon A)</b>
15:50 to 16:10	Advances in Seaweed Farming in Canada - Cyr Couturier, Marine Institute of Memorial University.	Beyond the audit – BAP certification’s role in driving environmental performance and transparency - David Dietz, Global Seafood Alliance / Best Aquaculture Practices.
16:10 to 16:30	Topo-bathymetric Lidar Remote Sensing to Map Wild Kelp in Support of Seaweed Aquaculture Operations. - Dr. Tim Webster, Applied Geomatics Research Group, Nova Scotia Community College.	Environmental Monitoring in Terrestrial Protein and it’s Applications to Seafood - Katherine Dolmage, Postelsia.
16:30 to 16:50	Michael Teasdale, HoldFast NL.	Sustainability in AquaFeeds - David Seeley, Skretting Canada East.
16:50 to 17:10	New Tools for Enabling Modular Scaling Up of Ocean Farming in Cold Water Environments - Joyeeta Das, SamudraOceans Limited.	Tim Kennedy, Canadian Aquaculture Industry Alliance.
19:00 to 23:00	<b>Cold Harvest Networking Event – Farmed Seafood Soirée - BellaVista, Torbay Road, St. John’s</b> <b>Live music by Masterless Men and The Brewmasters</b> <b>Doors open at 18:30</b>	

Day 3: Thursday, October 10, 2024		
	<b>Service and Supply Showcase – Chairperson Darrell Green, Newfoundland Aquaculture Industry Association (Avalon / Battery)</b>	<b>Climate Change and Adaptation for Seafood – Chairperson Cyr Couturier, Marine Institute of Memorial University (Salon A)</b>
08:30 to 8:50	Supply and service company presentations including: <ul style="list-style-type: none"> <li>• Lybe Scientific</li> <li>• Hoskin Scientific</li> <li>• Imenco Aqua AS</li> <li>• Merck Animal Health</li> <li>• Meox</li> <li>• Pennecon Ltd.</li> <li>• DSS Protection</li> </ul>	Climate Impacts in Atlantic Farmed Seafood: Adapting to Change - Cyr Couturier, Marine Institute of Memorial University.
08:50 to 9:10		Adapting to Climate Change Impacts: Upwelling Technology - Terry Drost, Imenco AS.
09:10 to 09:30		Climate Change, Regional Climate Specificity and/or Potential Impact on Productivity - Dr. Frédéric Cyr, Fisheries and Oceans Canada.
9:30 to 09:50		Business Risk Management and Climate Adaptation Strategies for Seafood Farmers - Claire Brown, CB Sustainable Compliance.
09:50 to 10:20	NUTRITION BREAK (Trade Show Area)	
	<b>Service and Supply Showcase – Darrell Green, Newfoundland Aquaculture Industry Association (Avalon / Battery)</b>	<b>Innovation in Aqua Feeds and Feeding – Chairperson David Seeley, Skretting Canada East (Salon A)</b>
10:20 to 10:40	Supply and service company presentations including: <ul style="list-style-type: none"> <li>• Vøatec AS</li> <li>• Artec Aqua AS</li> <li>• Deep Trekker</li> <li>• Enterprises Shippagan Ltée</li> <li>• Saeplast Americas Inc.</li> <li>• SalmoTrace AS</li> </ul>	Novel Ingredients present Novel Challenges - Rodrigo Gonzalez, Skretting North America.
10:40 to 11:00		Aquaculture Animal Feed Additive - Davy Hsu, Trade Wind Biotech.
11:00 to 11:20		“NEWS FROM PARIS” - Trond Marøy, Imenco Aqua AS.
11:20 to 11:40		Developing the Next Generation of Ultra-low Phosphorus Feeds for Freshwater Aquaculture in Quebec: a Multi-faceted Project - Laura Frohn, University of Laval.
11:40 to 12:00		Effects of Replacing Fish Oil and Fishmeal with Microbial Diets on Salmon Growth and Lipid Composition - Dr. Chris Parrish, Memorial University of NL.
12:00 to 13:30	Lunch on Your Own	

	<b>Marine Occupational Health and Safety – Chairperson Chalena Biggar, Director - Health &amp; Safety, Cooke Aquaculture (Avalon / Battery)</b>	<b>Advancements in Finfish Aquaculture - Chairperson Candice Way, LGL Limited (Salon A)</b>
13:30 to 13:50	Presentations and discussion on the various roles and responsibilities of government and industry in OHS and marine safety and the interrelated government jurisdictions involved. Panelists: <ul style="list-style-type: none"> <li>• Dr. Barbara Neis, Ocean Frontier Institute / MUN.</li> <li>• Anthony Smith, Transport Canada</li> <li>• John Grimes, Workplace NL</li> <li>• Craig Parsons, Newfoundland and Labrador Fish Harvesting Safety Association.</li> </ul> Discussion Facilitator: Chalena Biggar.	Optimizing Fish Health: Actionable Insights Through Blood Monitoring - Lesley Clark, Wellfish Tech.
13:50 to 14:10		A Tour of AquaMaof RAS at Grieg Seafood Newfoundland - Andrew Tucker, Grieg Seafood NL.
14:10 to 14:30		Fish Vaccination: Theory, Application, and Challenges - Dr. Javier Santander, Memorial University on NL.
14:30 to 14:50		Atlantic Salmon Genetics and Breeding Technologies: Exploring New Frontiers in Aquaculture Innovation - Andrew Preston, Benchmark.
:50 to 15:10		Optimize Processing Systems for Humane Treatment and Best Possible Fish Welfare - Per Vidar Lange, Optimar.
15:10 to 15:40	NUTRITION BREAK (Trade Show Area)	
	<b>Advancements in Finfish Aquaculture - Chairperson Candice Way, LGL Limited (Salon A)</b>	
15:40 to 16:00	Optimization of Logistics and Operations in Aquaculture with the Anteo Collaborating Map Tool - Christine Nordal Sunde, Anteo AS.	
16:00 to 16:20	Field Trials to Validate the Effectiveness of Air Diffuser Systems for Upwelling Applications - Prem Thodi, C-CORE.	
16:20 to 16:40	Artificial Intelligence for Aquaculture - Tim Trussell, ReelData A.I.	
16:40 to 17:00	Aquatraz Semi-closed Steel Cages - 20 Years of Operational Experience in Norway (With Focus on How Our Technology Can Solve All The Major Challenges in the Canadian Sea-based Aquaculture Industry) - Alf Reidar Sandstad, Seafarming Systems AS.	
17:00 to 17:20	Detecting the Presence of Large Pelagic Predators Near Salmon Cage Aquaculture. - Olivia Gibb, Fisheries and Oceans Canada.	
19:00 to 23:00	<b>Closing Networking Event: O'Reilly's Famous Irish Newfoundland Pub, 13 George Street, St. John's, Newfoundland and Labrador</b>	

**Please note that the presentation titles, speakers and times are subject to change.**

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