



**NWMDER-2019**  
**Program Outline – as of 2019 Aug. 28**



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**Sunday, September 8**

**17:00 Conference Registration; Exhibits Open**  
**14:00-17:00 Nuclear-for-Everyone Course**  
**18:00-20:00 Conference Opening Reception**

**Monday, September 9**

**8:00-8:15 Indigenous Opening Prayer and Drum Song**  
 Opening prayer led by Elder Diane Longboat  
 Drum song led by Elder Donna Augustine

**8:15-8:30 Welcoming Message from Conference Host and Conference Chair**

**8:30-10:00 Plenary 1A (Panel Discussion) - Community and Indigenous Engagement**

Chair: *Bob Watts (NWMO)*

Panel Speakers:

*Cheryl Fort (Mayor, Hornepayne)*  
*Mitch Twolan (Mayor, Huron Kinloss)*  
*Clayton Wetelainen (President Aboriginal People of Wabigoon)*  
*Diane Longboat (Council of Elders and Youth for NWMO)*

**10:00-10:30 Break**

**10:30-12:00 Plenary 1B - Environmental Remediation**

Chair: *Caley Griener (CNL)*

Environmental Remediation Beginning to End, *Nicholas Smith (IAEA)*

From Hazardous Waste to Intermediate-Level Waste: Enabling the Remediation and In-Situ Management of WL Trenches, *Sean Gamley (CNL)*

Decision Making for Path Forward of Closed Beaverlodge Mine Site, *Bruce Halbert (Canadian North Environmental Services)*

Whiteshell Laboratories Cesium Pond Remediation Project, *Miles Smith (CNL)*

**12:00-13:30 Lunch - Guest Speaker: Mark Lesinski, President and CEO (CNL)**

**13:30-17:30 Parallel Technical Sessions (Break mid-afternoon)**

- M-1, Government Policies, Programs & Oversight
- M-2, Uranium Mining & Milling Waste Management
- M-3, Low Level, Intermediate Level & Mixed Waste Management
- M-4, DGR Design, Engineering & Material Science (1)
- M-5, Waste Characterization, Processing, Packaging & Waste Minimization

**17:30-19:30 Women in Nuclear (WiN) Canada Cocktail Reception**

**Tuesday, September 10**

**8:00-9:50 Plenary 2A - Waste Repository Siting in Canada**

Chair: *Jim Delaney (NRCAN)*

Update and Lessons Learned on OPG's Deep Geologic Repository for Low- and Intermediate-Level Waste, *Lise Morton (OPG)*

Canadian Nuclear Laboratories Siting of The Near Surface Disposal Facility for the Low-Level Waste at the Chalk River Site, *Meggan Vickard (CNL)*

Site Selection Update – Moving Towards Partnership, *Mahrez Ben Belfadhel (NWMO)*

Waste Repository Siting in Canada: The Regulatory Perspective, *Karine Glenn (CNSC)*

A Waste Owner's Perspective on Radioactive Waste Repository Siting in Canada, *Paul McClelland (AECL)*

**9:50-10:10 Break**

**10:10-12:00 Plenary 2B - Updates on Current Canadian Decommissioning Projects**

Chair: *Meggan Vickard (CNL)*

Update on Gentilly-2 Decommissioning, *Steve Plante (Hydro-Québec - Gentilly-2 Facilities)*

Update on Pickering Decommissioning Plans, *Jessica King (OPG)*

Prototype Reactor Decommissioning Progress (NPD, Douglas Point, Gentilly-1), *Kristan Schruder (CNL)*

Chalk River Laboratories - Decommissioning Progress, *Caley Griener (CNL)*

Whiteshell Labs Decommissioning Project Update, *Brian Wilcox (CNL Whiteshell)*

**12:00-13:30 Lunch**

**13:30-17:30 Parallel Technical Sessions (Break mid-afternoon)**

- T-1, Indigenous Participation in the Nuclear Industry and Stakeholder Engagement (1)
- T-2, Decommissioning (1)
- T-3, Disposal Facilities for Long-term Management of Low-Level Waste
- T-4, DGR Design, Engineering & Material Science (2)
- T-5, Used Nuclear Fuel Management & Waste Transportation

**18:30 Cocktails and Conference Banquet – Guest Speaker:**

*Vincent Ialenti, MacArthur Assistant Research Professor, Elliott School of International Affairs, George Washington University, “Nuclear Waste Communication: Anthropology, Analogy, and Storytelling”*

**Wednesday, September 11**

**8:00-12:00 Parallel Technical Sessions (Break mid-morning)**

- W-1, Indigenous Participation in the Nuclear Industry and Stakeholder Engagement (2)
- W-2, Decommissioning (2)
- W-3, DGR Siting and Safety Case
- W-4, Environmental Remediation
- W-5, Alternatives, Recycling and SMR Waste

**12:00-13:30 Lunch**

**13:30-15:00 Plenary 3A (Panel Discussion) - International Policy and Implementation for Decommissioning and Waste Management**

Facilitator: *Paul McClelland (AECL)*

Panel Speakers:

*Mika Pohjonen (Posiva Solutions Oy, Finland)*  
*Richard Poisson (ANDRA, France)*  
*Samantha Chard (Australian Department of Industry, Innovation and Science)*  
*Kristan Schruder (CNL)*

**15:00-15:20 Break**

**15:20-16:50 Plenary 3B - Strategies in R&D for Decommissioning and Waste Management**

Chair: *Vasile Bostan (OPG)*

Roadmap for Technology Development to Support CANDU Decommissioning and Long-Term Waste Management; Part 1: Roadmap Preparation *Paul Dinner (COG)*

Targeted R&D Based on UK Decommissioning Experience and Learning From Our Successes & Failures, *Ian Wigginton (Nuvia Consulting)*

Overview of EPRI Research and Development Projects in Decommissioning Technology, *Richard Reid (EPRI)*

Robotic Digitization and Digital Twins for Nuclear Decommissioning, *Sriram Narasimhan (University of Waterloo)*

**16:50-17:00 Closing remarks**

**Thursday, September 12**

**Technical Tours, to:**

**Canadian Nuclear Laboratories**  
**Nordion**  
**National Research Council**