



# DIET 2024

Fifth Annual Conference on  
Disruptive, Innovative, and Emerging Technologies  
In the Nuclear Industry



November 27th-29th. Toronto, Ontario

Start Time	End Time	November 27th Program	
8:00 AM	9:00 AM	<b>Speakers Breakfast</b> Located in Alexander A	<b>Delegates Breakfast</b> Located in Courtyard Hall
9:00 AM	9:15 AM	<b>Conference Welcome and Kickoff</b> Located in Courtyard Hall	<b>Jennifer Wong, and Daniel Foster-Roman</b>
			<b>Derek Mullin, NB Power</b>
9:15 AM	9:45 AM	<b>Opening Keynote Speaker</b> Located in Courtyard Hall	<b>Laurent Boinot, Microsoft</b>
9:45 AM	10:45 AM	<b>Plenary Session One: Talk Nuclear to Me</b>  Chatbots are changing the way we work. See them in action along with considerations to ensure they are safe and accurate!  Located in Courtyard Hall	Moderator: <b>Kelly Curtis, Kinectrics</b>
			<b>Somayaji Ayalasomayajula, NPX</b>
			<b>Gabe Aversano, Kinectrics</b>
			<b>Tejas Vyas, Durham College</b>
			<b>Mischa De Costa, OPG</b>
10:45 AM	11:00 AM	Coffee Break	
11:00 AM	12:00 PM	<b>Plenary Session Two: Workforce of the Future</b>  This fireside chat will allow experts to discuss how to prepare and inspire future generations, promote continuous skill development in response to rapid digital change, and retain crucial knowledge as seasoned professionals retire.  Located in Courtyard Hall	Moderator: <b>Rachel Sumner, Talent Ready</b>
			<b>Adam Renkosinki, Vector Institute</b>
			<b>Jerry Hopwood, UNENE</b>
			<b>Matthew Maringer, NAYGN</b>
			<b>Margaret McBeath, NPX</b>
			<b>Roberta Reys, OPG</b>
12:00 PM	1:30 PM	<b>Lunch and Keynote Speaker</b> Located in Courtyard Hall	<b>Rachna Clavero, CANDU</b>
1:30 PM	3:00 PM	<b>Plenary Session Three: Digital Twins</b>  Digital Twin Applications in Operations and Engineering - Potetial Use Cases and Considerations for Deployment  Located in Courtyard Hall	Moderator: <b>Jennifer Wong</b>
			<b>Logan Browning, INL</b>
			<b>Brain Mori, OPG</b>
			<b>Patrick Desbiens, Bruce Power</b>
			<b>Fernando Muniz Simas, EXO Insights</b>
			<b>Ian Davis, X-Energy</b>
3:00 PM	3:15 PM	Coffee Break	
3:15 PM	5:00 PM	<b>Technical Tracks</b>  Located in Alexander A, B and C	
5:00 PM	6:00 PM	<b>Exhibitor Hour</b> Exhibitor Hall	
6:00 PM	7:30 PM	<b>Reception</b>  Located in Courtyard Hall and Courtyard Foyer	



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7:30 AM	8:30 AM	<b>Speakers Breakfast</b> Located in Alexander A	<b>Delegates Breakfast</b> Located in Courtyard Hall
8:30 AM	9:00 AM	<b>Opening Keynote Speaker</b> Located in Courtyard Hall	<b>Ron Borning, INL</b>
9:00 AM	10:15 AM	<b>Plenary Session Four: Digital Transformation Strategy</b>  This fireside chat will explore the migration from traditional methods to efficient digital solutions. The focus will be on how this shift enhances efficiency, safety, and decision-making.  Located in Courtyard Hall	Moderator: <b>Michael Thibodeau</b> , Microsoft
			<b>Mohammad Mansoor</b> , Ennoble AI
			<b>Suo Chatterjee</b> , PwC
			<b>Domenic Maggi</b> , Travel Brands
			<b>Randy Fehr</b> , Bruce Power
		<b>Ryan Tessier</b> , Sask Energy	
10:15 AM	10:45 AM	Coffee Break	
10:45 AM	12:00 PM	<b>Plenary Session Five: AI and Advanced Analytics</b>  From unlocking the power of nuclear fusion to optimizing business operations, experts will explore how AI and Advanced Analytics are transforming the industry landscape.  Located in Courtyard Hall	Moderator: <b>Jenell Hogg</b> , OPG
			<b>Daniel Foster-Roman</b> , Seeq
			<b>Denisse Rodriguez</b> , Scotiabank
			<b>Sase Naarayan</b> , Bruce Power
			<b>Aza Jalalvand</b> , Princeton
12:00 PM	1:30 PM	<b>Lunch with Keynote Speaker</b> Located in Courtyard Hall	<b>Natalie Arthurs</b> , Durham College
1:30 PM	5:00 PM	<b>Technical Tracks</b> Located in Alexander A, B, and C	
5:00 PM	5:30 PM	<b>Student Poster Competition</b> Located in Courtyard Hall	
5:30 PM	7:30 PM	<b>NAYGN Networking Event</b> Located in Courtyard Hall	



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8:30 AM	9:00 AM	<b>Opening Keynote Speakers</b> Located in Courtyard Hall	
9:00 AM	11:00 AM	<b>Technical Tracks</b> Located in Alexander A, B, and C	
11:00 AM	12:30 PM	<b>Lunch with Keynote Speaker</b> Located in Courtyard Hall	<b>Stephanie Smith, AtkinsRealis</b>
12:30 PM	12:45 PM	Break	
12:45 PM	2:00 PM	<b>Plenary Session Six: NextGen Nuclear: Space</b>  Shooting for the stars - a discussion on the promises of the next Space Age and the innovative technologies that will get us there.  Located in Courtyard Hall	Moderator: <b>Nazgol Shahbandi, OPG</b>
			<b>Daniel Sax, Canadian Space Mining Agency</b>
			<b>Rinat Rashapov, Canadian Space Agency</b>
			<b>Justin Spencer, CNL</b>
			<b>Devan Wagner, MDA Space</b>
2:00 PM	2:15 PM	Break	
2:15 PM	4:15 PM	<b>Plenary Session Seven: International Trends, Perspectives, and Thought Leadership</b>  Find out how regulators and others are cooperating on DIET internationally, plans they have for future collaboration and how you can be a part of it.  Located in Courtyard Hall	Introduction: <b>Vivek Agarwal,</b>
			Moderator: <b>Robin Manley,</b>
			<b>Ed Bradley, IAEA</b>
			<b>Tom Eagleton, Office for Nuclear Regulation (UK)</b>
			<b>Kevin Lee, CNSC</b>
			<b>Luis Bettancourt, NRC</b>
4:15 PM	5:00 PM	<b>Conference Closing</b> Located in Courtyard Hall	