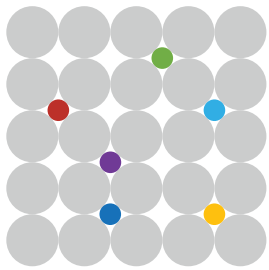


April 4th & 5th, 2023
Westerner Park
Red Deer, Alberta



smartMTX

Smart Manufacturing Technology Exposition

The Next Step in Growing Your Manufacturing Business

Your next step starts here

SmartMTX is Western Canada's Premier Showcase to:



Identify local
resources to
support your
business's growth



Learn about
Smart
Manufacturing
technologies



Assess how they
apply to your
operations, and what
value they may provide



Welcome...



Honourable Brian Jean, KC
Minister of Jobs, Economy, and Northern Development

It is great to see events like SmartMTX occurring in central Alberta. The technology landscape is rapidly changing and exhibitions like this ensure that Western Canada's innovators remain on the leading edge of technological improvements. Whether you're presenting, participating, or considering a future venture, the time you invest in this conference is sure to pay off.

Alberta's government has been leading the way to support Western Canada's manufacturing sector's expansion. We've kept taxes low so you can invest in the innovations and ideas that you'll see over these two days. We received CFIB's highest red tape reduction rating in Canada to help you focus more of your time on what really matters. Through Alberta is Calling and Alberta at Work, we are growing the skilled labour force that you need to start or expand your ventures. We are improving Occupational Health and Safety requirements without increasing burdens on employers. Finally, we are developing the economic corridors necessary to support your access to both raw materials, and finished goods markets throughout the west.

Events like today's SmartMTX conference are critical to Western Canada's future. Manufacturing sales have hit the all-time record in Alberta, \$9,686,200 as of January 2023, and we're looking forward to your continued success. As we have learned over the past three years, local manufacturers are critical to ensuring that Western Canada has the goods we need, when we need them. By incorporating some of the ideas you see here or through the new connections you make, you'll continue the impressive rise of this critical part of our economy. We look forward to other western provinces following our lead on creating the necessary environment for manufacturing to succeed, and you are our strongest ambassadors. You are also the best people to advise how Government can support your industry and support your future growth. Thank you to SmartMTX and the sponsors for making this exhibition possible.



**WE LOOK FORWARD TO
OTHER WESTERN PROVINCES
FOLLOWING OUR LEAD**



**and you are our
strongest ambassadors.**





Mayor Ken Johnston
The City of Red Deer



Welcome to Red Deer!

On behalf of Red Deer City Council, and the citizens we serve, we are very excited to welcome you to our great city, for the Smart MTX Conference! We are glad to have innovators like you, gathered at Westerner Park! We welcome you to explore and experience all that Red Deer has to offer. Red Deer is a city in a park! We invite you to explore the parks and trails that enhance our quality of life, enjoy the hospitality of our local entrepreneurs, and take in the culture of Alberta's third largest city. We love it here!

Red Deer is a place of meeting, growth, and prosperity, and a place where we celebrate our partners. The Red Deer and District Chamber of Commerce is energized and empowered to make a difference for Red Deer businesses, and this event is great evidence of that! Red Deer Polytechnic continues to make a difference, both inside and far beyond our region. RDP is building on it's already invaluable position as an exemplary post-secondary institution that prepares students and regional businesses for a successful future that enhances our community!

There is no doubt that technology will continue to shape our future, and it is moving faster than ever before. The SmartMTX conference is a great opportunity to explore ideas and opportunities that fuel manufacturing growth and innovation – right here in Central Alberta.

Enjoy the conference!



Mayor Jim Wood
Red Deer County
Red Deer County



On behalf of Red Deer County, I am delighted to extend a warm welcome to everyone attending the SmartMTX expo in Red Deer at the Westerner Park. It is an exciting time for manufacturing and smart technology innovation as central region continues to grow and adapt in order to motivate and be responsive in today's ever-changing landscape.

SmartMTX is a platform to explore ideas and opportunities, and Red Deer County is proud to sponsor a premier conference that encourages smart manufacturing growth and innovation; this is an exciting area to work, study and play. SmartMTX will bring inspired people together and ensure Canadian small and mid-sized manufacturing companies remains at the cutting edge.

Red Deer County is also thrilled to be a long-standing supporter of Red Deer Polytechnic, and as such it is so important to have these opportunities for post-secondary learning in our central Alberta. Red Deer Polytechnic plays such a crucial role in our local economy. The students of today are the workers of tomorrow, and the training they receive here will prepare them for the evolving workplace.

I would also like to commend the event organizers for increasing awareness for manufacturing and smart technology innovation in providing a platform for open dialogue. I am certain that everyone in attendance will have a great experience.

I am certain you will find this year's event full of great information.

**Stay engaged, keep proactive and
help us shape the future.**





Scott Robinson
CEO, Red Deer & District
Chamber of Commerce



Alberta businesses to remain competitive, attract a skilled workforce, stimulate economic growth, and promote sustainability.

I want to take this opportunity to thank our sponsors, organizers, and volunteers for making this Expo possible. Without their support, this event would not be possible.

I encourage all of you to take full advantage of the opportunities SmartMTX presents. Let us come together, learn from each other, and explore the exciting possibilities of smart manufacturing. I wish you all a productive and enjoyable experience.

Once again, welcome to the SmartMTX!



Peter Krzesinski
Executive Director
Manufacturing & Export
Enhancement Cluster
meecluster.ca



Dear SmartMTX Attendees!

I'd like to welcome you to the inaugural SmartMTX on behalf of the Manufacturing & Export Enhancement (MEE) Cluster and our expo partners!

The Cluster's mandate is to support manufacturers in technology adoption, process improvement, and to foster the development of a collaborative manufacturing ecosystem across Western Canada. A robust ecosystem means manufacturers have access to tools and supports they need to innovate, grow, and remain competitive. A resilient, diversified, and thriving manufacturing sector means prosperity for all Canadians.

We are proud to bring the SmartMTX to Red Deer as it is a big part of our mandate and we hope that all those attending make valuable connections and identify viable manufacturing technologies they can adopt today.

If you'd like to learn more about how your business can leverage the manufacturing ecosystem, draw on Cluster services and supports or participate in exciting upcoming events, then don't hesitate to reach out for more information.

I'd to thank Alberta Innovates, NGen – Canada's Advanced Manufacturing Global Innovation Cluster, and Prairies Economic Development Canada for their financial support of the MEE Cluster as without their funding the Cluster would not be where it is today.

Please also make sure to visit the booths of the SmartMTX sponsors as their sponsorship has not only made the SmartMTX possible but is also an investment in present and future prosperity of the manufacturing sector in Western Canada.

Exhibitor Directory



A ABB Robotics BOOTH #300	 Access Prosperity BOOTH #100	 ActiveConversion BOOTH #510	 Alberta Additive Manufacturing Network BOOTH #522	 Alberta IoT BOOTH #108
 Altair Engineering Canada Ltd. BOOTH #220	 Aro Robotic Systems BOOTH #500	B Business Development Bank of Canada (BDC) BOOTH #104	 Bow River Solutions BOOTH #310	C CAD MicroSolutions Inc. BOOTH #514
 Calgary Economic Development BOOTH #208	 Canada Digital Adoption Program (CDAP) BOOTH #212	 Central Alberta Regional Innovation Network BOOTH #316	 CIP Office Technology BOOTH #506	 City of Red Deer BOOTH #124
 Cybertech360 BOOTH #404	D Donna Purcell QC Law BOOTH #120	E Exergy Solutions BOOTH #226	G Global Innovation Clusters Innovation Canada BOOTH #212	H Hexagon Manufacturing Intelligence BOOTH #230
I Imagine Wireless BOOTH #304	 InnoTech Alberta Inc. BOOTH #112	L Lightship Works Inc. BOOTH #422	M Manufacturing & Export Enhancement Cluster BOOTH #100	 Mitacs BOOTH #110
 mode40 BOOTH #512	N Ngen Next Generation Manufacturing Canada BOOTH #320	 Negmax Manufacturing Corp. BOOTH #416	P Pleora Technologies BOOTH #420	 Prime Capital BOOTH #306
 Proto3000 BOOTH #312	R Rapid3D Ltd. BOOTH #408	 Red Deer Chamber of Commerce BOOTH #122	 Red Deer Polytechnic Centre for Innovation in Manufacturing BOOTH #116	 RVIR Solutions Ltd. BOOTH #520
S SAIT - CIRAMM BOOTH #300	 Sarcomere Dynamics Inc. BOOTH #500	 Servus Credit Union Ltd. BOOTH #504	 Six S Partners BOOTH #508	T Tech-Access Canada BOOTH #114
 Technology Alberta BOOTH #510	U University of Calgary BOOTH #226	V Virtual Process BOOTH #308	 VKS BOOTH #314	 Vooban BOOTH #412
W Women in AI BOOTH #322	X Xplore Business BOOTH #224	Z ZiprPrint Limited BOOTH #222	# 3D Space Terraform Inc. BOOTH #324	 3DPHC - 3D Printed Homes Corporation BOOTH #130

Conference Schedule

Day 1 – April 4, 2023



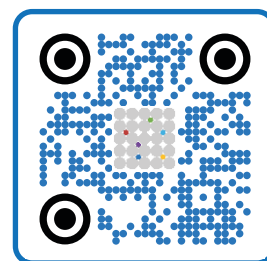
Time	Event	Location
9:00am	Exposition Hall: Opens at 9:00am	Pavilion
9:30 – 10:00am	Expo Opening Remarks Brian Jean, KC Minister of Jobs, Economy & Northern Development	SmartMTX Main Stage
10:00 – 10:30am	Keynote Address: What is Advanced Manufacturing and Where is it Headed? Jayson Myers, CEO, Next Generation Manufacturing Canada (NGen)	SmartMTX Main Stage
10:30 – 11:30am	Discussion Panel: Women in STEM: Inclusion and Overcoming Hurdles	SmartMTX Main Stage
11:30 – Noon	Alberta IoT: A Virtual Science Park: Efficiency to Innovation	SmartMTX Main Stage
11:30 – 1:00pm	Tech Talk: From Simulation Driven Design to Data Driven Engineering and Beyond Julien Chaussee, Altair Engineering Canada <i>*Includes lunch</i>	Red Deer Polytechnic Presentation Salon
11:30 – 1:00pm	Tech Talk: How to target your first AI project Hugues Foltz, Vooban <i>*Includes lunch</i>	Red Deer & District Chamber of Commerce Presentation Salon
Noon – 12:30pm	Trade Accelerator Program: Manufacturing Cohort Information Session Shayne van der Meer, Calgary Economic Development	Servus Credit Union Sub Conference Stage
12:30 – 1:00pm	Tech- Access Canada Technology Access Centres: Canada's Innovation Intermediaries	SmartMTX Main Stage
1:00 – 1:30pm	Canada Digital Adoption Program (CDAP) Overview Get grants to digitalize your business and implement new technologies	SmartMTX Main Stage
1:00 – 2:00pm	Tech Talk: Why Your Corporation Needs A Zero Trust Cybersecurity Strategy Darrell Christensen, Cybertech360 & Miles Walker, DATTO/KASAYA	Red Deer Polytechnic Presentation Salon
1:00 – 2:00pm	Tech Talk: Using Signature Analysis to Help Small to Medium Sized Manufacturers Transform Their Legacy Machines into Smart Assets Ananth Seshan, 5G Energy Ltd.	Red Deer & District Chamber of Commerce Presentation Salon
1:30 – 2:00pm	Lacking Labour – Remaining Productive in a Changing World Stephen Wong, Automation Experts	Servus Credit Union Sub Conference Stage
2:00 – 2:30pm	Tech Showcase 3D Printing with Earth by 3D Space Terraform	Booth #324
2:00 – 3:00pm	Discussion Panel: How to Finance Your Digital Transformation	Smart MTX Main Stage
2:30 – 3:00pm	Tech Showcase AI based autonomous logistics robot by Aro Robotic Systems	Pavilion – Demo Area
2:30 – 3:00pm	LEAN Sub Conference: Why Western Canada Needs LEAN Bruce Ennis, MEE Cluster	Servus Credit Union Sub Conference Stage
3:00 – 4:30pm	LEAN Sub-Conference: LEAN Comes Alive Using simulation tools to illustrate how unintended business factors can be minimized; RIVR Solutions	Servus Credit Union Sub Conference Stage
3:00 – 3:30pm	Canada's Global Innovation Clusters Government of Canada (ISED/ISDE)	SmartMTX Main Stage
3:00 – 4:00pm	Tech Talk: Vodka, Electronics and Toilet Repair – Make Human Decisions Consistent with AI; Ed Goffin, Pleora Technologies	Red Deer Polytechnic Presentation Salon
3:00 – 4:00pm	Tech Talk: How to Begin Your Machine Learning and Data Science Journey Graham Sucha, Jordan Swanson and Dr. Byron Chu, Cybera	Red Deer & District Chamber of Commerce Presentation Salon
3:30 – 4:00pm	Prairies Economic Development Canada Diversification Opportunities for Manufacturers in Canada's Defence Sector	SmartMTX Main Stage
4:00 – 5:00pm	Startup Panel Hosted by Startup TNT	SmartMTX Main Stage
5:00pm	Exposition Hall: Closes at 5:00pm	Pavilion
6:00 – 8:00pm	Industry Gala Network over live music, food and drinks!	Red Deer Polytechnic Presentation Salon

Conference Schedule

Day 2 – April 5, 2023



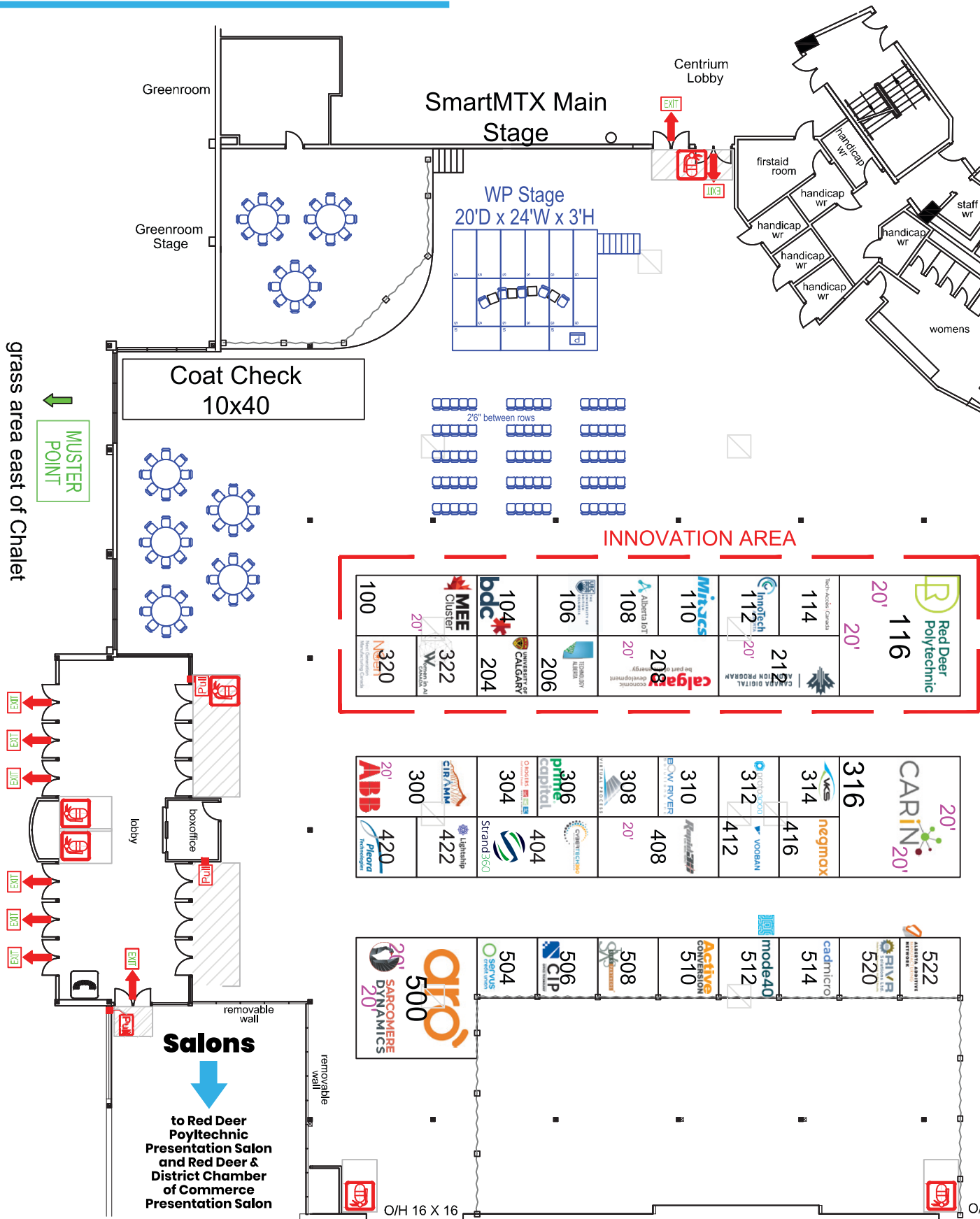
For complete
schedule of
events, scan
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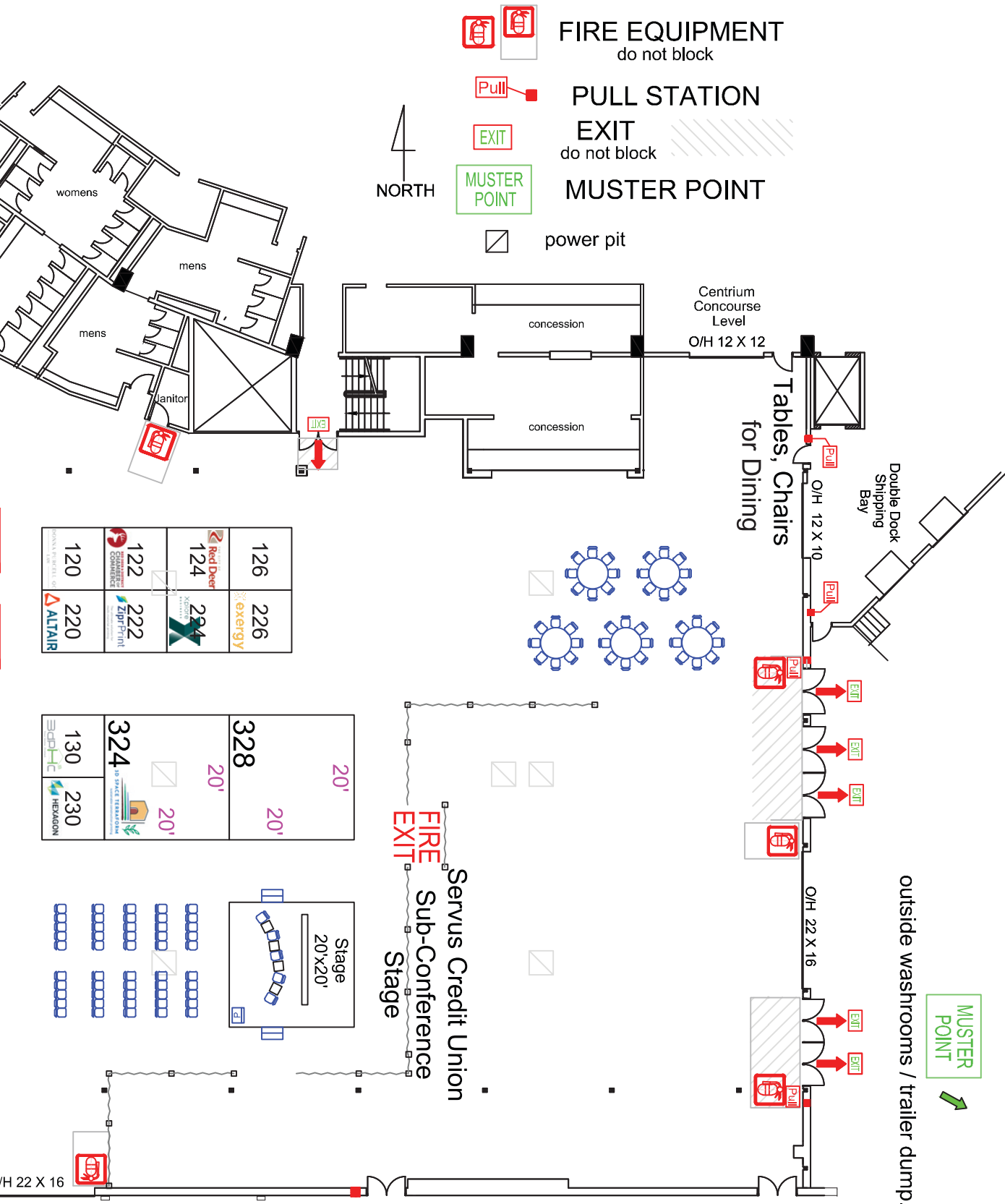


Time	Event	Location
9:00am	Exposition Hall: Opens at 9:00am	Pavilion
9:30 – 10:00am	Welcome Remarks Ken Johnston, Mayor City of Red Deer	SmartMTX Main Stage
10:00 – 4:30pm	Additive Manufacturing Sub Conference	Servus Credit Union Sub Conference Stage
10:00 – 10:30am	Artificial Intelligence – Humanity's Greatest Opportunity Vooban	SmartMTX Main Stage
10:30 – 11:30am	Discussion Panel: Smart Manufacturing Solutions for HighMix/Low Volume Manufacturing	SmartMTX Main Stage
11:30 – 1:00pm	Tech Talk: How robotics and automation is supporting the evolution of the construction industry; Leveraging offsite manufacturing and 3D printing; Steven Powney, ABB Robotics <i>*Includes lunch</i>	Red Deer Polytechnic Presentation Salon
11:30 – 1:00pm	Tech Talk: Using Predictive Analytics, Machine Learning and AI to prevent downtime of your critical equipment; Oscar Cruz, Bow River Solutions <i>*Includes lunch</i>	Red Deer & District Chamber of Commerce Presentation Salon
Noon – 1:00pm	BDC Economic Outlook: What's in store for 2023?; Pierre Cleroux, Vice-President, Research and Chief Economist, BDC	SmartMTX Main Stage
1:00 – 1:30pm	International Trade Promotion – Support for Alberta SMEs Government of Alberta	SmartMTX Main Stage
1:00 – 2:00pm	Tech Talk: How do you leverage your existing IT investments to bring people and technology together so that you can focus on your most valuable work? Ryley Bauer, Bauer Automate	Red Deer Polytechnic Presentation Salon
1:00 – 2:00pm	Tech Talk: Getting your people excited about change! Using technology to get everyone on the same page Paul Hogendoorn, MEE Cluster	Red Deer & District Chamber of Commerce Presentation Salon
1:30 – 2:00pm	Inventure\$ 2023 Update and Draw for Free Tickets Alberta Innovates	SmartMTX Main Stage
2:00 – 2:30pm	Tech Showcase 3D Printing with Earth by 3D Space Terraform	Booth #324
2:00 – 3:00pm	Discussion Panel: State of Technology: Concrete 3D Printed Homes in Canada	Smart MTX Main Stage
2:30 – 3:00pm	Tech Showcase AI based autonomous logistics robot by Aro Robotic Systems	Pavilion – Demo Area
3:00 – 3:30pm	Legal Considerations of the Digital Transformation in Manufacturing Donna Purcell, Donna Purcell QC Law	SmartMTX Main Stage
3:00 – 4:00pm	Tech Talk: Five Tasks in Your Business You Can Automate Today Stephen Wong, Automation Experts	Red Deer Polytechnic Presentation Salon
3:00 – 4:00pm	Tech Talk: Overcoming the Barriers to New Technology Adoption How to Overcome the Challenges of your Digital Transformation John Preiditsch, Six S Partners	Red Deer & District Chamber of Commerce Presentation Salon
3:30 – 4:00pm	The Importance of Cybersecurity in Industry 4.0 Cybertech360	Red Deer Polytechnic Presentation Salon
5:00pm	Exposition Hall: Closes at 5:00pm	Pavilion



Prairie Pavilion





Tech Talk

Day 1 – April 4, 2023



Time	Topic	Presenter	Organization	Location
11:30 – 1:00pm <i>Includes lunch</i>	From Simulation Driven Design to Data Driven Engineering and Beyond	Julien Chaussee	Altair Engineering Canada Ltd.	Red Deer Polytechnic Presentation Salon
11:30 – 1:00pm <i>Includes lunch</i>	How to target your first AI project	Hugues Foltz	Vooban	Red Deer & District Chamber of Commerce Presentation Salon
1:00 – 2:00pm	Why Your Corporation Needs A Zero Trust Cybersecurity Strategy	Darrell Christensen Miles Walker	Cybertech360 DATTO/KASAYA	Red Deer Polytechnic Presentation Salon
1:00 – 2:00pm	Using Signature Analysis to Help Small to Medium Sized Manufacturers Transform Their Legacy Machines into Smart Assets	Ananth Seshan	5G Energy Ltd.	Red Deer & District Chamber of Commerce Presentation Salon
3:00 – 4:00pm	Vodka, Electronics and Toilet Repair – Make Human Decisions Consistent with AI	Ed Goffin	Pleora Technologies	Red Deer Polytechnic Presentation Salon
3:00 – 4:00pm	How to Begin Your Machine Learning and Data Science Journey	Graham Sucha Jordan Swanson Dr. Byron Chu	Cybera	Red Deer & District Chamber of Commerce Presentation Salon

Day 2 – April 5, 2023

Time	Topic	Presenter	Organization	Location
11:30 – 1:00pm <i>Includes lunch</i>	How robotics and automation is supporting the evolution of the construction industry; Leveraging offsite manufacturing and 3D printing	Steven Powney	ABB Robotics	Red Deer Polytechnic Presentation Salon
11:30 – 1:00pm <i>Includes lunch</i>	Using Predictive Analytics, Machine Learning and AI to prevent downtime of your critical equipment	Oscar Cruz	Bow River Solutions	Red Deer & District Chamber of Commerce Presentation Salon
1:00 – 2:00pm	How do you leverage your existing IT investments to bring people and technology together so that you can focus on your most valuable work?	Ryley Bauer	Bauer Automate	Red Deer Polytechnic Presentation Salon
1:00 – 2:00pm	Getting your people excited about change! Using technology to get everyone on the same page	Paul Hogendoorn	MEE Cluster	Red Deer & District Chamber of Commerce Presentation Salon
3:00 – 4:00pm	Five Tasks in Your Business You Can Automate Today	Stephen Wong	Automation Experts	Red Deer Polytechnic Presentation Salon
3:00 – 4:00pm	Overcoming the Barriers to New Technology Adoption – How to Overcome the Challenges of your Digital Transformation	John Preiditsch	Six S Partners	Red Deer & District Chamber of Commerce Presentation Salon



Discussion Panels

Women in STEM: Inclusion and Overcoming Hurdles

April 4, 2023 | 10:30 – 11:30am

MODERATOR



BRENDA BECKEDORF
Alberta IoT
Executive Director



JILLENE LAKEVOLD
All Weather Windows
Vice President



TRISH JOSEPHS
Ignite Technology
Innovation & Strategy Lead



JINGYI YAN
ATB Financial
Principal Data Scientist



HEATHER CHAPPLE
AltaML
Senior Account Executive

How to Finance Your Digital Transformation

April 4, 2023 | 2:00 – 3:00pm

MODERATOR



SCOTT ROBINSON
Red Deer & District
Chamber of Commerce
CEO



ANGELA ARMSTRONG
Prime Capital
Founder and CEO



DEVON WALD
Servus Credit Union
Marketing Director –
Business Banking



ROBERT LAJOIE
BDC
VP, Alberta North Area
Financing and Consulting



ALEXANDRA MACKENZIE
Canadian Digital
Adoption Program
Outreach & Partnership Lead

Smart Manufacturing Solutions for High Mix/Low Volume Manufacturing

April 5, 2023 | 10:30 – 11:30am

MODERATOR



JAYSON MYERS
NGN
CEO



STEPHEN WONG
Automation Experts
Automation Integrator/
Machine Builder



SIVDAD SIMHAD
VKS
Account Manager



BORIS DJORDJEVIC
Frontech Solutions Inc.
Founder



OSCAR CRUZ
Bow River Solutions Inc.
Director of Technology
and Managing Partner

State of Technology: 3D Printing Homes Across Canada

April 5, 2023 | 2:00 – 3:00pm

MODERATOR



DR. HAMID RAJANI
Southern Alberta
Institute of Technology
Chair, CIRAMM and ARIS



STEVEN POWNEY
ABB
Strategic Business
Development Manager
General Industries



ED MACNAB
3DPHC
CEO



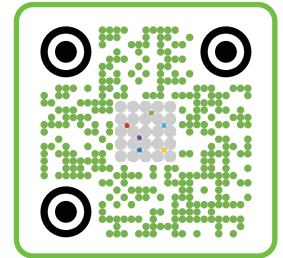
YASUSHI OHKI
Green Violin
Executive Director



IAN COMISHIN
TWENTE ADDITIVE
MANUFACTURING
Founder and President

Sub Conference: Additive Manufacturing

April 5th



The Additive Manufacturing Sub Conference highlights the latest developments in Additive Manufacturing in Alberta and explores the possibilities to create an advantage for industry through Additive Manufacturing process adoption.

Technology providers, innovators, and manufacturers from across the ecosystem will share knowledge and connect to gain understanding of 3D printing processes and applications.

Join us on the Servus Credit Union Sub Conference stage on **April 5th** for presentations, expert discussion panels, and to connect with local expertise. **The Additive Manufacturing Sub Conference is free to participate as part of attending the SmartMTX.**

Conference Schedule

Time	Topic	Speakers
10:00 – 10:15am	Industrial Hack-A-Thon Overview	Tonya Wolfe
10:15 – 10:30am	Hack-A-Thon Project Results: FEPSim Modular Attachments <i>Sponsored by Karmed</i>	Prateeksha Aharwal Aabid Wadood
10:30 – 10:45am	Hack-A-Thon Project Results: Metal Printing Powder Removal & Recovery System <i>Sponsored by Exery Solutions Inc.</i>	Elias G. Deek Hamza Issa
10:45 – 11:00am	Hack-A-Thon Project Results: Development of a Multi-material Prototype Propeller Using Directed Energy Deposition <i>Sponsored by Apollo-Clad Laser Cladding, a division of Apollo Machine & Welding Ltd.</i>	Gentry Wood Michell Grams Murid Salim Guriqbal Singh Munday
11:00 – 11:15am	Hack-A-Thon Project Results: Development of AM Designed Heat Exchanger <i>Sponsored by Suncor</i>	Raheem Sheikh Mahmoud Mahfouz
11:15 – 11:30am	Hack-A-Thon Project Results: Ceramic Corrosion Prevention Spray Gun Applicator <i>Sponsored by Carbon Upcycling</i>	Jennifer Dornstauder Andrew Sell
11:30 – Noon	Industrial Hack-A-Thon: Lessons Learned	Cassidy Silbernagel, Exergy Solutions Inc. Julien Chausse, Altair Hassan Arif, Altair
Noon – 1:00pm	Conference Break	
1:00 – 1:30pm	Accelerating the Move to Net Zero with Additive Manufacturing	Mahmoud Mahfouz, Exergy Solutions Inc.
1:30 – 2:30pm	Fireside Chat #1: Up and Coming Companies using AM in Alberta Moderator: Dave Waldbilling, InnoTech Alberta	Remy Samson, Elementiam Chamit Rathnayake, GN Corp. Adam Ostacheck, ZiprPrint Darryl Short, Karmed
2:30 – 3:30pm	Fireside Chat #2: What do you need to know in AM about standards and regulations Moderator: Angel Nakevski, ABSA	Kim Meszaros, Flint Energy Services Ltd. Teresa Melfi, Lincoln Electric Mostafa Yakout, University of Alberta
3:30 – 4:30pm	Fireside Chat #3: Unique Capabilities in AM in Alberta Moderator: Cassidy Silbernagel, Exergy Solutions Inc.	Tonya Wolfe, Red Deer Polytechnic Hamid Rajani, SAIT Dave Waldbilling, InnoTech Alberta Ahmed Qureshi, University of Alberta

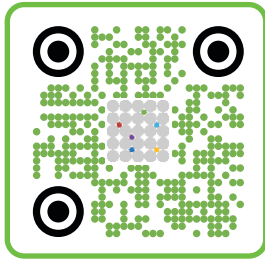
The Additive Manufacturing Sub-Conference at the SmartMTX is co-hosted by the Red Deer Polytechnic and the Alberta Additive Manufacturing Network (AAMN).



Red Deer
Polytechnic



ALBERTA ADDITIVE
MANUFACTURING
NETWORK



April 4th

Sub Conference: LEAN Manufacturing

Building Successful & Profitable LEAN Programs: 3 Things You Must Know

LEAN makes businesses more profitable. It also makes a business faster and less wasteful. It improves quality AND it delights customers. But it can also fail. Why does LEAN fail? Join Bruce Ennis and Paul Hogendoorn in the Lookout Room on **April 4th** as they share their proven secrets to driving LEAN success... and make your business thrive.

Who Should Come? LEAN Practitioners, Business leaders struggling to implement LEAN, Quality Consultants, and those aspiring to grow their career in LEAN.

Why You Should Attend? Gain insight on how to gain LEAN traction, Learn how to inspire and excite your organization, Learn how to leverage digital technology in LEAN, Discuss formation of a LEAN Support Organization.

Conference Schedule

Time	Topic
8:00 – 9:00am	Networking Breakfast
9:00 – 10:00am	3 Keys to Lean Success
10:15 – 11:15am	Leveraging Digital Technology
11:30 – 12:30pm	Discuss the Creation of a Lean Support Group Across Western Canada
12:30 – 1:30pm	Lunch



Bruce Ennis
MEE Cluster



Paul Hogendoorn
MEE Cluster

Price: \$250 (includes continental breakfast & lunch)



April 4th
Servus Credit Union
Sub Conference Stage

Why Western Canada Needs LEAN



2:30 – 3:00pm
Bruce Ennis, MEE Cluster

LEAN Comes Alive

This dynamic, hands-on session will use simulation tools to illustrate how unintended business factors can be minimized with LEAN practices.



3:00 – 4:30pm
Greg Hastings, RIVR Solutions Inc.



Greg Hastings
RIVR Solutions Ltd.

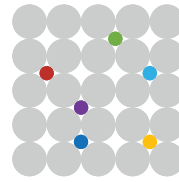
Join Greg Hastings from RIVR Solutions Ltd. and learn how LEAN can address:

- ✓ Business Challenges
- ✓ Inventory Chaos
- ✓ Supply Chain Unpredictability
- ✓ Inconsistent Customer Ordering
- ✓ And much more!

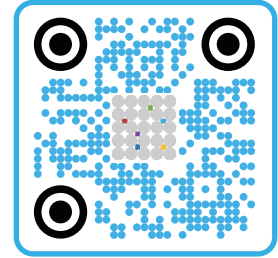
LEAN Comes Alive is free to attend as part of attending the SmartMTX. Pre-registration is required,

Speaker Profiles

Attend Presentations, Tech Talks and Expert Discussion Panels to learn how Smart Manufacturing solutions are changing manufacturing and how adopting these solutions will create advantages for your business.



For full speaker bios, scan QR code below:



Alexandra MacKenzie
Canada Digital Adoption Program

Main Stage Presentation

Topic: Get Grants to Digitalize Your Business and Implement New Technologies



Bruce Ennis
MEE Cluster

Sub Conference Stage Presentation

Topic: Why Western Canada Needs Lean



Darrell Christensen
Cybertech360

Main Stage Presentation

Topic: Securing the Future of Manufacturing: The Importance of Cybersecurity in Industry 4.0

Tech Talk

Topic: Why Your Corporation Needs a Zero Trust Cybersecurity Strategy



DONNA PURCELL QC
LAW

Donna Purcell
Donna Purcell QC Law

Main Stage Presentation

Topic: Legal Insights for Smart Manufacturing Companies



Dr. Ananth Seshan
5G Energy Ltd.

Tech Talk

Topic: Using Signature Analysis to help Small-Medium Manufacturers Transform their Legacy Machines into Smart Assets



Dr. Byron Chu
Cybera

Tech Talk

Topic: How to Begin Your Machine Learning and Data Science Journey



Ed Goffin
Pleora Technologies

Tech Talk

Topic: Vodka, Electronics, and Toilet Repair – Make Human Decisions Consistent with AI



Elliot Hewitt
Prairies Economic Development Canada

Main Stage Presentation

Topic: Diversification Opportunities for Manufacturer's in Canada's Defence Sector



Graham Sucha
Cybera

Tech Talk

Topic: How to Begin Your Machine Learning and Data Science Journey



Greg Hastings
RIVR Solutions Ltd.

Sub Conference Stage Presentation

Topic: LEAN Comes ALIVE– Using simulation tools to illustrate how unintended business factors can be minimized



Hugues Foltz
Vooban

Main Stage Presentation

Topic – Artificial Intelligence, Humanity's Greatest Opportunity

Tech Talk

Topic – How to Target Your First AI Project



Jared Adams
Global Innovation Clusters, Innovation Canada

Main Stage Presentation

Topic: Canada's Global Innovation Clusters



Jason Kell
Alberta IoT

Main Stage Presentation
Topic: A Virtual Science Park:
Efficiency to Innovation



Jayson Myers
Next Generation
Manufacturing Canada

Main Stage Presentation
Topic: What is Advanced
Manufacturing and
Where is it Headed?



John Preiditsch
Six S Partners

Tech Talk
Topic: Overcoming the Barriers
to New Technology Adoption -
How to Overcome the Challenges
of your Digital Transformation



Jordan Swanson
Cybera

Tech Talk
Topic: How to Begin Your
Machine Learning and
Data Science Journey



Julien Chaussee
Altair Engineering
Canada, Ltd.

Tech Talk
Topic: From Simulation Driven
Design to Data Driven
Engineering and Beyond



Ken Doyle
Tech-Access Canada

Main Stage Presentation
Topic: Technology Access
Centres: Canada's Innovation
Intermediaries



Miles Walker
DATTO/KASAYA

Tech Talk
Topic: Why Your Corporation
Needs a Zero Trust
Cybersecurity Strategy



Oscar Cruz
Bow River Solutions Inc.

Tech Talk
Topic: Using Predictive
Analytics, Machine Learning
and AI, to Prevent Downtime
of your Critical Equipment



Paul Hogendoorn
MEE Cluster

Tech Talk
Topic: Getting Your People
Excited About Change! Using
Technology to Get Everyone
on the Same Page



Pierre Cleroux
Business Development
Bank of Canada (BDC)

Main Stage Presentation
Topic: BDC Economic Outlook:
What's in store for 2023?



Ryley Bauer
Bauer Automate

Tech Talk
Topic: How do you leverage
your existing IT investments to
bring people and technology
together so that you can focus
on your most valuable work?



Shayne van der Meer
Calgary Economic Development

**Sub Conference
Stage Presentation**
Trade Accelerator Program:
Manufacturing Cohort
Information Session



Stephen Bruce Wong
Automation Experts

**Sub Conference
Stage Presentation**
Topic: Lacking Labour - Remaining
Productive in a Changing World

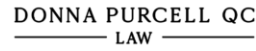
Tech Talk
Topic: 5 Tasks You Can Automate
Today in Your Business



Steven Powney
ABB Robotics Canada

Tech Talk
Topic: How robotics and
automation is supporting the
evolution of the construction
industry - leveraging offsite
manufacturing and 3D printing

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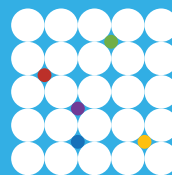
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April 4th & 5th, 2023
9:00 AM – 5:00 PM



Parkland Pavilion at Westerner Park
4847A – 19 Street, Red Deer, AB



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