

#BCTECHSummit

May 14 - 16, 2018



PROGRAM AT A GLANCE

MAY 14, 2018

1:00PM REGISTRATION IS OPEN

8:30AM - 11:00PM Music Cities Hackathon by Sound Diplomacy

10:30 - 5:00 R 118 Lipsync Buildathon with Neil Squire Society

3:00 - 6:00 R 109 Women Who Tech | Collaborating on Action to Create an Inclusive Tech Sector | Powered by PwC

5:00 - 8:00 #BCTECH on the Terrace | Pacific Terrace (Look for the Giant Orca) | Powered by Vanbex

MAY 15, 2018

7:30 REGISTRATION

8:30 - 10:30 HALL B OPENING PLENARY
Welcoming Remarks | Masters of Ceremonies: **Sophie Lui**, Global BC & **Tomica Divic**, BC Innovation Council
Digital Transformation in Education | **Anthony Salcito**, Vice President of Worldwide Education, Microsoft
The New Digital Age: Transforming Businesses, Nations and Our Lives | **Jared Cohen**, CEO, Jigsaw

10:30 - 11:00 COFFEE BREAK | Powered by 7Gate

11:00 R 211 BC: The Perfect Place to Grow Tech	11:00 R 109 Accelerating Transformation: It's a Quantum World	11:00 R 118 Future Jobs: Closing the Gap between Industry and Education	11:00 R 220 Government is Innovating and We Need You!
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12:00 - 1:15 LUNCH

12:00 - 1:00 BDC Sponsored Lunch Session | Canadian Champions: How to Scale In Canada | RM 220

R 211	R 109	R 118	CITY FOYER
Breakthrough in the Digital Age PRESENTED BY Google Cloud	Data Is the New Economy PRESENTED BY Microsoft	Entrepreneurs, Building with Passion, Data and Purpose PRESENTED BY Vancity	TECH Talks PRESENTED BY BCIC
1:15 Should We Fear the Robots?	1:15 The Canadian Digital Technology Supercluster: What It Means for B.C.	1:15 Advice from a Unicorn: Start Up, Scale Up	12:30 Music in Games: The Real Value
1:40 The AI Revolution		1:40 Operation Critical: Building Your Company Culture	1:45 Ideas To Reality: The Art Behind The Science
2:15 Disruptive Leadership: How to Think About Your Business in the New Digital Age		2:15 Get Smart: Accessing Financing in B.C. to Grow Globally	
2:45 COFFEE BREAK Powered By Steamclock			
3:00 Breakthrough Creator: Behind the scenes of the Transformers, Avengers and Kong: Skull Island	3:00 Never Lost: Data and IoT Transforming Global Logistics	3:15 Your Brand, Your Story	3:00 Why Elder Care is the Next Billion Dollar Market
3:30 Autonomous Vehicles: Are We Ready?	3:40 Harnessing the Power of Data for Innovation	4:00 Building an Adaptive Organization	
4:15 Beyond Bitcoin: Seizing the Potential of Blockchain	4:15 Progress and Possibility: Health Data Enhancing Lives		

5:00 - 8:00 pm Networking Reception in the Marketplace | Presented by Google Cloud

#BCTECH Summit

May 14 - 16, 2018

Delivered By:



PROGRAM AT A GLANCE

MAY 16, 2018

7:00 **SWEATworking is the New Networking** | Pacific Terrace (Look For the Giant Orca)

7:30 **REGISTRATION**

8:30 - 10:30 **MORNING PLENARY**

Masters of Ceremonies: Sophie Lui, Global BC & Tomica Divic, BC Innovation Council

Welcoming Remarks | Honourable John Horgan, Premier of British Columbia

Cultivating Creativity, Inspiring Invention | Brent Bushnell, Two Bit Circus

The Unlikely Solution to Ocean Plastic | David Katz, Plastic Bank

Going for Gold - Rethinking Canadian Innovation | John Morris, Olympic Gold Medalist

10:30 **COFFEE BREAK** | Powered By Lenovo

R 109	Intersections: Tech & Life	R 118	Talent and the Modern Workforce PRESENTED BY WorkBC.ca	R 220	Radical Transformations in Key Sectors	R 211	Innovating Success in the Global Economy PRESENTED BY TELUS	CITY FOYER	TECH Talks PRESENTED BY BCIC
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11:00 Space Flight: Fuelling Innovation & Impact

11:00 Creating Value and Impact: The Future Workplace Starts with You

11:00 Canada's Global Leadership in the Low Carbon Economy

10:45 Cascadia: Opportunities and Solutions Beyond Borders

12:00 **LUNCH**

1:00 The Power of Immersive Entertainment & Narrative Realities

1:00 Investing in Women-Led Enterprises Is Just Smart Business

1:00 It's Elemental: Net New Ways to Power

1:00 Accelerating Innovation: What University Incubators Can Really Do

1:00 Safe & Sound: The Innovations Keeping People Safe

1:45 The Future is Custom: The New Size is You

1:45 Inclusive and Accessible Workplaces Lead to Better Products

1:45 Energy in Motion: The Power of the Ocean

1:45 Building a Global BioTech Success

2:00 Create Your Why: Making An Impact In Today's Social Fabric

2:10 Collaborative Innovation Partnerships for Global Success

2:30 **BREAK**

2:45 Barrier Breaking Healthcare: Personal, Precision and Genomic

2:45 The Human Side of Tech: Pushing the Boundaries and Creating Positive Human Impact

2:45 Sensors in Sectors: Driving Efficiency and Productivity

2:45 The Future of Retail and E-Commerce

3:00 Ministry of Transportation & Infrastructure: Internet of Things Challenges

3:30 Feeding Opportunity: How Agritech Innovations are Improving our Food Supply

3:30 Playing For Keeps: Building & Retaining Talent In the Digital Media Industries

3:25 Data and Disasters: Industrial IoT For Response and Prevention

3:30 AI and the Future of Cyber Security

4:00 Building Smart Cities

4:00 Ideas at Work: Innovation and Technology in Mining

4:00 Creating an Internet of Value: The Power of Blockchain

4:30 - 6:00 **Networking Reception In The Marketplace**

6:30 - 11:00 **Techfest** | Powered by **Techvibes**

7:00 till LATE **#BCTECH Summit After Party @ TELUS World of Science** | Presented by **TELUS**

Thanks to our Innovation Partner, Science World BC, this year's celebration will take place under the iconic dome at TELUS World of Science. If you have not yet enjoyed the immersive environment of Science World with a cocktail in hand, you are in for a treat! The #BCTECH Summit, a place where extraordinary conversations happen over two days, wants you to keep those conversations going into the night (and beyond).

Buy your tickets online at www.scienceworld.ca/bc-tech-summit-after-party

Follow us for the latest updates



TECH TALKS

Curious about TECH Talks?

TECH Talks are a Summit attendee favourite. Each year we create a platform in the City Foyer of the Convention Centre for 4 - 5 thought provoking themes with each offering up the opportunity for up to five Summit attendees to share their expertise as leaders on the subject at hand. Armed with only 10 minutes to get their point across, these thought leaders present an inspiring and energetic 'Coles Notes' version presentation, leaving audiences engaged with a desire to learn more. Be sure to check out this years TECH Talks!

MAY 15

12:30 Music in Games: The Real Value

Panel Discussion

James Hursthouse, DigiBC | Lori Cromwell, Ubisoft | Michael Ault, Psyonix | Gavin Johnson, Monstercat | Mehdi Benkirane, Flip Entertainment

1:45 Ideas to Reality: The Art Behind the Science

1:45 - The Art of Data: How 3D Scanning Can Save Our Cultural Heritage

Paul Lindahl, Arius Technology

1:55 - A Revolution in Learning: How the Use of Tech in Music Education Can Empower 21st-Century Musicians.

Stephanie Khoury, Mübric

2:05 - The Future of TV & Film is Interactive: Here's What It's Going to Look Like

Christopher Sjöholm, Mashup Machine

2:15 - Playing with Technology: How Interacting with Technology Helps Us to Better Understand the World and Ourselves.

Ben Z Cooper, Hfour Studio

3:00 Why Elder Care is the Next Billion Dollar Market

3:00 - Is Elder Care the Next Billion Dollar Tech Market?

Helen Goddard, Electric Lime

3:05 - Reimagining Aging for the Mid 21st Century

Andrew Sixsmith, Department of Gerontology, SFU

3:15 - Bouncing Back - Using Technology to Reduce the Impact of Falls

Fabio Feldman, Fraser Health Authority

3:25 - A Crash Cart for Delirium: Exploring Non-Pharmacological Treatments for the Frail Elderly

Catherine Winckler, Mindful Garden Digital Health

3:35 - Bridging the Digital Divide: 7 Technologies our Elderly Need to Embrace

Linda Fawcus, Gluu Technology Society

MAY 16

1:00 Safe and Sound: The Innovations Keeping People Safe

1:00 - Extrasensory Perspective; Using Wearables Data to Prevent Workplace Injuries

Bryan Statham, LifeBooster

1:10 - Where Safety, Innovation and New Business Models Meet

Jay Giraud, DamonX Labs

1:20 - Safety Technology in the Mining Industry

Michael Duffy, Teck Resources Limited

1:30 - Machine Learning & How it Applies to Public Safety

Soyean Kim, Technical Safety BC

2:00 Create Your Why: Making an Impact in Today's Social Fabric

2:00 -The Forgotten Vertical: How Technology is rapidly Transforming How Donors Give and Nonprofits Work

Nejeed Kassam, Networks for Change

2:10 - Allocating Capital to Influence Social Change

Christine Bergeron, Vancity

2:20 - The 3Spheres Robotics Project: Innovative Reciprocity

Jon Morris, JDQ Systems Inc

3:00 Ministry of Transportation & Infrastructure — Internet of Things Challenges

3:00 - Internet of Things Challenge

Brian Price, Ministry of Transportation and Infrastructure

3:08 - Capturing and sending Sensor data to the cloud using a Smart IoT Gateway

Matthew Murnaghan, Cypress Solutions Inc.

3:18 - Accelerating Machine Learning for In-Camera Traffic Analysis

Guy Lemieux, Vectorblox Computing Inc.

3:28 - Living on the edge - smart cameras for smart highways

Matt Robson, Viion Systems Inc.

3:38 - Making Roads Safer with Data Analytics

Bill Harrison, Cumul8

3:48 - The Compounding Value of Data: Harnessing Unconventional Data for Long Term planning

Herman Chandi, Urbanlogiq

Final Remarks

Brian Price, Ministry of Transportation and Infrastructure

PRE-SUMMIT EVENTS

May 14 | 8:00am - 11:00pm

8:30am - 11:00pm

Music Cities Hackathon presented by Sound Diplomacy

Taking place May 13-14, the Music Cities Hackathon offers a space for experts, entrepreneurs & students from different disciplines to come up with innovative and sustainable solutions to tackle challenges that cities worldwide are facing. We are looking for experts & students with backgrounds in disciplines including music, programming, architecture, urban planning, creative industries, design and science to participate.

For more information visit: www.musiccitieshackathon.com

To apply visit: <https://do604.com/p/hackathon-application>

10:30 - 5:00 pm

Lipsync Buildathon with Neil Squire Society

Join a small group of people dedicated to making a difference for those living with limited mobility and spend Monday afternoon building easy-to-assemble Lip Sync devices. These mouth-controlled input devices allow those with little or no hand movement to operate a touchscreen device, opening up access to helpful apps, services and daily connections.

You can choose to come as an individual, or organize workmates to spend the afternoon making these devices - then meet and fit the recipient of this device!

To sign up, email info@bctechsummit.ca and let us know how many of you want to be part of this event. There is no cost to you, and great benefit to the recipients!

3:00 - 6:00 pm

Women Who Tech | Collaborating on Action to Create an Inclusive Tech Sector | Powered by PwC

In this follow-up session to the inaugural Women Who Tech event held November 2017, we will dive deeper into the dynamics of BC's technology ecosystem (in a couple of) candid conversations with leaders in our industry to talk about the steps we can take now to creating a more inclusive tech sector all around.

Join us and hear from leaders including:

Jodi Kovitz, #movethedial | **Kate Furber**, PwC | **Rick Perreault**, Unbounce | **Miranda Lievers**, Thinkific | **Keith Ippel**, Spring!

Hosted by: BC Innovation Council, BC Tech Association, The RAISE Collective

5:00 - 8:00 pm

#BCTECH on the Terrace Powered By VANBEX

Open to the public and #BCTECH Summit participants - FREE!

Attending the Summit and want to share your passion for STEM and STEAM? Bring your friends and family to share in what it's all about - the joy we find in our work. There will be science demonstrations, live music and a beer garden, plus opportunities for interactive fun and even some prizes. Join us!

BREAKTHROUGH IN THE DIGITAL AGE

PRESENTED BY  Google Cloud

May 15 | 1:15 - 5:00

From AI to Autonomous everything, Blockchain to IoT, these sessions will take a deep look at leadership in the digital revolution. What does it take to break through?

11:00 BC: The Perfect Place to Grow Tech

Taxes, Time Zone and Talent are only a few reasons to choose BC to start and grow your tech company. What else makes us "perfect"? Don't miss this open dialogue with companies of various sizes who are starting, expanding or moving to B.C. to better understand their "why". What policies are making this viable and what challenges do they need to overcome? What does perfect mean and are we really there? **Jesse Dougherty**, Amazon Vancouver | **Rebecca Troelstra**, Avenue HQ | **Jack Newton**, Clio | **Michael Tippett**, TrueNorth | **Emily Key**, Bench Accounting | **Cameron Burke**, PwC

1:15 Should We Fear the Robots?

Join Robo-ethicist, Dr. AJung Moon in a thought-provoking discussion on the issue of robot intelligence and interaction. The session may leave you validated in your beliefs or change your opinion, but either way, you're sure to learn something new. **Tyler Orton**, Business in Vancouver | **Dr. AJung Moon**, The Open Roboethics Institute

1:40 The AI Revolution

It's hard to imagine life without asking our devices for advice, weather updates and access to our favourite songs. There is a deep intersection between IoT, AI, machine learning and autonomous everything - but what's next, and how do we get there? This session will answer these questions and leave you inspired to learn more.

Bethany Edmunds, BCIT | **Suzanne Gildert**, Sanctuary AI | **Cassie Kozyrkov**, Google Cloud

2:15 Disruptive Leadership: How to Think About Your Business in the New Digital Age

If you're not innovating, you're falling behind. Businesses need to harness and understand the latest technological tools to stay competitive. In this fireside chat, Jared will inspire leaders to break through the noise of a changing world and teach you how your business can make the most of today's technology.

Sean Silcoff, Globe and Mail | **Jared Cohen**, Jigsaw

3:00 Breakthrough Creator: Behind the scenes of the Transformers, Avengers and Kong: Skull Island

Academy Award nominee, Creative Director of *ILM Vancouver*, and *Breakthrough Creator*, Jeff White, will share stories from his work on blockbuster films including *Transformers*, *The Avengers* and *Kong: Skull Island*. Jeff will shed light on the process of working with diverse teams of artists, technicians and software engineers to bring incredible images to the big screen through the changing landscape of film throughout his career.

Sophie Lui, Global BC | **Jeff White**, Industrial Light & Magic

3:30 Autonomous Vehicles: Are We Ready?

The way we travel through our world is changing daily - soon we won't have to do more than sit in a vehicle and tell it where we want to go. What are the biggest implications of this new technology, and where will it take us?


Paul Godsmark, Canadian Automated Vehicle Centre for Excellence | **Timothy Burr**, Lyft | **Daryn Nskhuda**, Mighty AI | **Kenny Hawk**, Mojjo

4:15 Beyond Bitcoin: Seizing the Potential of Blockchain

From cryptocurrency to food security, blockchain is slowly becoming centralized and integrated into every aspect of our lives. This session will consider the realities, practicalities and sheer potential of blockchain.

MaRi Eagar, Digital Futures | **Kevin Hobbs**, Vanbex | **Wesley Graham**, Blockchain at Berkeley | **Victoria Lemieux**, UBC

DATA IS THE NEW ECONOMY

PRESENTED BY  Microsoft

May 15 | 1:15 - 5:00

Our most valuable resource is no longer gold or oil, but data. With knowledge comes power. Leading organizations are rapidly harnessing the power of their data to keep up in today's digital age; improving productivity, efficiency and driving profits, all while maintaining their humanity. These sessions driven by data and powered by humans share how it's optimized and the part you can play.

11:00 Accelerating Transformation: It's a Quantum World

Digital computing has profoundly changed our world, but Moore's Law of performance gains is drawing to an end. Quantum computers are the new paradigm and will accelerate transformation and capabilities of existing and future computing applications. Find out what some of the top innovators expect to achieve with this new technology and why they are already exploring the use of Quantum computers that demonstrate these capabilities.

Michael Helander, OTI Lumionics Inc. | **Kristen Pudenz**, Lockheed Martin | **Alan Baratz**, D-Wave | **Suzanne Gildert**, Sanctuary AI | **Moe Kermani**, VanEdge Capital

1:15 The Canadian Digital Technology Supercluster: What It Means for B.C.

In early 2018, B.C. was recognized as a strong hub for data and digital innovation when it was named the *Digital Technology Supercluster of Canada* by the Government of Canada. With the goals of energizing our economy and creating new economic opportunities in B.C., Canada and beyond, learn what this means for tech in this province and how you can join the movement.

What It Means For B.C.:

Alan Winter, Innovation Commissioner, B.C. Government

Why It Matters!: **Ohad Arazi**, TELUS Health

Panel Discussion with Platinum Founding Partners:

Greg Caws, Digital Supercluster | **Edoardo De Martin**, Microsoft | **Ohad Arazi**, TELUS Health Living Labs at TELUS | **William Parkinson**, Urthecast | **Laura Petrescue**, Avcorp

2:15 Case Studies of Sectors Embracing Digital Transformation

Precision Health in the Canadian Digital Technology Supercluster. Today, the digital health information we have is mostly kept in disconnected silos, while other info is not available in digital format at all. This session will give examples of how the Precision Health team within the Digital Technology Supercluster intends to improve this situation, and with it, patient's lives.

Allan Noordvyk, Change Healthcare

The Learning Factory and its Digital Twin: Transforming Industry. In this globally competitive economy with increasing cost down pressure, the challenge for industry is how to compete. This case study focuses on a paradigm shift in how we look at advanced manufacturing through the concept of the Learning Factory and Digital Twin.

Laura Petrescue, Avcorp

Earth Data Store in the Canadian Digital Technology Supercluster.

Geographic information is the lifeblood for many of BC's world-leading resource industries. The Earth Data Store is UrtheCast's vision to improve the productivity and competitiveness of major industries and provide better environmental awareness. Learn how the Earth Data Store will transform the current 3-dimensional digital models of the world, into a 4-dimensional globe.

William Parkinson, Urthecast

3:00 Never Lost: Data and IoT Transforming Global Logistics

It seems so straightforward: You order something online, then track its progress from Point A to Point B until it arrives at your door. However, a staggering number of systems and processes are required to ensure delivery to a final destination safely. This session will look at some of these systems using data and teach you how to successfully manage this aspect of your business.

Diane Gutiw, CGI | **Scott Larson**, HeliosWire | **Lynette Du-John**, Vancouver Airport Authority |

Kaity Arsoniadis-Stein, Vancouver International Maritime Centre | **Ron Iacobelli**, Streamline

3:40 Harnessing the Power of Data for Innovation

Using data to inform your decisions sounds simple, but the reality is it takes a team, a process and an understanding of the data's true potential to access the results. Do you know what you need to do as an organization, an entrepreneur or a team leader to get the most out of the information available to you? Find out!

Joy Johnson, SFU | **Kim Logan**, TELUS

4:20 Progress and Possibility: Health Data Enhancing Lives

For three decades, Dr. Julio Montaner has been dedicated to improving the care and treatment of those infected with HIV/AIDS. His impact in this field through collection of data on existing and emerging health issues and using it to create life-altering health management strategies, here and across the world is undeniable. Come and learn what the future of health looks like, and how you can be a part of it.

Catalina Lopez Correa, Genome BC | **Dr. Julio Montaner**, British Columbia Centre for Excellence in HIV/AIDS

ENTREPRENEURS, BUILDING WITH PASSION, DATA AND PURPOSE

PRESENTED BY **Vancity**

May 15 | 1:15 - 5:00

You became an entrepreneur because you have forward-thinking ideas and a deep passion for being your own boss and changing the world. These sessions will explore the basics of efficiency, time management and strategic thinking; build on communication and networking for growth skills; open your mind to financing opportunities you may not have tried yet; delve into branding and how it supports sales efforts; and leave you feeling more resilient and able to grow your business in meaningful ways. Arrive curious, leave with contacts.

11:00 Closing the Gap between Industry and Education

Tech companies are faced with the real challenge of filling roles with qualified talent. Where are the gaps and what can we do to collectively close them? How can we improve the collaborative process and programs that are developed to address this reality? Participate in this conversation with others who are all deeply immersed in creating job-ready candidates and be a part of the solution.

Dr. Tom Roemer, BCIT | **Jake Hirsch-Allen**, LinkedIn | **Ryan Peterson**, Finger Food Studios Inc. | **Patrick Pennefather**, Centre for Digital Media

1:15 Advice from a Unicorn: Startup, Scale Up

Moving from startup to unicorn. The path is often windy and sometimes backwards. Stories from the trenches and lessons learned from someone who's scaled through all levels of growth and supporting of one of B.C.'s fastest growing tech companies!

Keith Ippel, Spring Activator | **Richard Hungerford**, Hootsuite

1:40 Operation Critical: Building Your Company Culture

Your company is growing fast. So, how do you successfully grow your organization without losing sight of the vision and values you started with? How do you evolve with this growth? Gain insights and easy-to-implement ideas from this panel of leader and culture award winners, moderated by Waterstone Capital.

Marty Parker, Waterstone Human Capital | **Jeff Duncan**, Meetingmax | **Laurie Schultz**, ACL | **Greg Krywulak**, iQmetrix

2:15 Get Smart: Accessing Financing in B.C. to Grow Globally

Growing a business can be hard, and you shouldn't feel like you must do it alone. There are more funding options and opportunities available out there than you might expect, but it's knowing where to look. Attendees of this session will gain insight on the ways you can partner with funders who want to make your business a success.

Christina Wolf, BC Securities Commission | **Arak Bhokanandh**, Vancity | **Jay Rhind**, Vancouver Founder Fund | **Minh Le**, Silicon Valley Bank | **Vivian Kan**, BDC

3:15 Your Brand, Your Story

You have your vision, your product and your passion, but how do you successfully share this, so others can understand what it is you offer? These marketing veterans have been in your shoes, and they'll help you understand how to develop a successful brand while using the newest digital tools to your advantage. Learn, grow and tell your story.

Samantha Legge, Canada Wide Media | **Elaine Hung**, Sotheby's International Realty Canada | **Robin Jones**, Comm100 | **Tiffany Ellis**, Quietly

4:00 Building an Adaptive Organization

It's all changed. Our 'Once Upon a Time' stories when business operated within a world of fixed capital assets and brand, has become a cliché we can no longer rely on. The competitive strategy that fueled the ideas that a strong foundation for growth will lead to wins coming in two to five-year cycles or where business growth could only move as fast as products could, can no longer be counted on for a business's success. The world of today moves quick and is ever changing. Learn how you can watch for the signals of change and stay ahead of the crowd by joining a panel of leaders who are creating "adaptive" organizations, building innovation into their DNA and disrupting categories. Being relevant matters - in ANY size of organization.

Greg Malpass, Traction on Demand | **Julie Kothlow**, KPMG | **Richard Eyrum**, Salesforce

INNOVATING SUCCESS IN THE GLOBAL ECONOMY

PRESENTED BY  TELUS

May 16 | 10:45 - 5:00

To become globally competitive, you must differentiate yourself from the pack or be left behind. To do this requires agility, iterative innovation, and a pace not seen before.

10:45 Cascadia: Opportunities and Solutions Beyond Borders

The Cascadia Venture Acceleration Network (CVAN) invites collaboration among organizations that support entrepreneurs and researchers across B.C., Oregon and Washington State. Curious about the opportunities, advantages and challenges, and how we can create one powerful innovation economy that spans two borders? Join the conversation.

PART 1: CASCADIA: OPPORTUNITIES AND SOLUTIONS BEYOND BORDERS

Peter Payne, BC Innovation Council | **Patricia Beckman**, Wings The Medical Technology Angels | **Johanna Brickman**, Oregon BEST | **Alejandro Adem**, Mitacs

PART 2: CASCADIA: OPPORTUNITIES AND SOLUTIONS BEYOND BORDERS

Greg D'Avignon, Business Council of BC | **Dr. Alan Winter**, B.C. Government | **Former Governor, Washington State**, **Christine Gregoire**, Challenge Seattle

1:00 Accelerating Innovation

Innovation and acceleration are on everyone's agenda, so why are some able to take advantage of their tech faster than others? In this session, we delve into both the mindset and the tools for accelerating innovation and creating an impact. **Sarah Lubik**, SFU | **Valerie Fox**, Ryerson | **Stewart McTavish**, University of Cambridge

1:45 Building a Global Biotech Success

No matter your product, service or home base, you want your market to exceed national borders. Hear from one of Canada's most powerful female executives how she grew her biotech business globally while maintaining roots in B.C. **Lesley Esford**, Life Sciences BC | **Norma Biln**, Augurex Life Sciences

2:10 Collaborative Innovation Partnerships for Global Success

IBM advocates a model and approach to engage the start-up community and technology ecosystem through a demand-driven innovation framework to create opportunities for global growth. **Dan Sinai**, IBM Canada Ltd.

2:45 The Future of Retail and E-Commerce

To be successful in today's consumer marketplace, you need to attract clients ever changing, 'in the moment' buying habits. Gain knowledge from digital marketing masters and serial retailers as they share their best tips, tricks for real solutions. If you want to sell more products to happy clients, this session is for you! **Sean Silcoff**, Globe and Mail | **Igor Faletski**, Mobify | **Marianne Marck**, Ritchie Bros | **Doha al Dujaili**, Air Canada | Speaker from Google

3:30 AI and the Future of Cyber Security

Today's cyber security threats can wreak havoc on networks within minutes. Catching cyber-attacks requires finding anomalies inside networks that contain millions of constantly changing data points and taking action to stop these threats before they can do damage. At this session, learn how AI-based cyber defense can not only detect threats as they emerge, but quickly respond to stop these attacks in real time. **Gary Perkins**, BC Public Service | **Nicole Eagan**, Darktrace | **Leo Navin**, Methanex

4:00 Creating an Internet of Value: The Power of Blockchain

In an age where we can talk to anyone in the world instantly and for free, why are global payments so costly and unreliable? How can we start to move money like we move information? In this session, Wellington will discuss the siloed, fragmented infrastructure of payments today, and the power of blockchain for revolutionizing the global financial system. **Jessica Galang**, Betakit | **Wellington Sculley**, Ripple

TALENT AND THE MODERN WORKFORCE

PRESENTED BY  

May 16 | 11:00 - 4:30

To attract and retain the top talent - the people who will innovate, collaborate and transform your organizations - today's companies need to do more than just offer competitive salaries. Now more than ever, there's the added expectation that organizations embrace diverse and inclusive teams (and boards!), an increasingly remote workforce and a shift in mindset brought on by the new generation of talent, seeking to add value and impact. What can YOU do to exceed expectations and build your culture?

11:00 Creating Value and Impact: The Future Workplace Starts with You

Workplace culture, dynamics and structure have changed significantly over the past 50 years. What was considered 'standard' as recent as five years ago, is no longer a proactive enough approach for today's job seekers. This session will delve into both hard realities and best practices; from the new norms of culturally diverse workplaces to ageism to remote workers. Rethink how to create value and impact in this new age and learn the tools you need to drive your business forward. **Larkin MacKenzie-Ast**, FWE | **Nyla Ahmad**, Rogers | **Josie Sutcliffe**, Visier | **Gina Phillip**, We Work | **Leslie Collin**, Unbounce

1:00 Investing in Women-Led Enterprises is Just Smart Business

It should come as no surprise in today's business market the statistics show the depth of value added to an organization's growth by having female executives, founders and board members on a team. Join Michelle and Jonathan who embraced this powerful opportunity by investing millions in women-led enterprises and hear from them why it matters and how your organization can benefit from a more diverse workforce. **Lauren Robinson**, Highline Beta Female Funders | **Michelle Scarborough**, BDC Capital Partners | **Jonathan Sposato**, Geekwire

1:45 Inclusive and Accessible Workplaces Lead to Better Products

The success of a product relies on a development team's ability to understand and respond to the needs of its end users. Learn how creating a diverse team that reflects your customer base will allow you to build more meaningful customer experiences for a greater number of people. **Jocelyn Maffin**, Spinal Cord Injury BC | **Gary Birch**, Neil Squire Society | **Naitik Mehta**, Next Billion | **Nina Johal**, Global Executive Talent Acquisition

2:45 The Human Side of Tech: Pushing the Boundaries and Creating Positive Human Impact

When technology is developed with a people-first focus and companies are structured to bring out the best in their employees, we have greater opportunities to make the world we live in a better place overall. This session will explore different perspectives on making tech more human and teach you how you can implement changes in your organization for a meaningful impact. **Jill Tipping**, BC Tech Association | **Alexandra Greenhill**, Careteam and myBestHelper | **Sheila Bouman**, viaSport BC | **Arnold Leung**, Appnovation | **Jaimie Borisoff**, BCIT

3:30 Playing for Keeps: Building and Retaining Talent in the Digital Media Industries

BC's interactive companies contend with a fluid workforce, possessing diverse skillsets that are in tremendously high demand--locally, nationally and globally. The battle for talent is on and our panel of leaders will discuss how values, strategy, culture and collaboration are building companies, sustaining talent pools and growing our tech community creatively. **Prem Gill**, Creative BC | **Josh Nilson**, East Side Games | **Natali Altshuler**, Electronic Arts Vancouver | **Alice Tuxford**, DNEG | **Suzanne Thompson**, Encore Vancouver

RADICAL TRANSFORMATIONS IN KEY SECTORS

May 16 | 11:00 - 4:30

Our strategic advantage, one filled with commercial opportunity and global marketability, is understanding Earth's urgent environmental, social and economic challenges, backed by deep investments in research and innovation from diverse, well-versed teams. A deep look into cross-sector applications of technology and innovations will leave you with ideas for new partnerships and applications for transformative products and services.

11:00 Canada's Global Leadership in the Low Carbon Economy

Canada has several strategic advantages when it comes to being best-in-class in the global bio-economy. This includes vast amounts of natural resources, global markets that desire our goods and innovators who are creating thoughtful, sustainable products backed by technology. This session will provide an overview of Canadian opportunities and touch on those companies who are successfully implementing new thoughts around biotech. **Christopher Mowry**, General Fusion | **Scott Stanners**, BC Bioenergy Network | **Dr. Warren Mabee**, Queens University | **Sandy Ferguson**, Conifex Timber | **Trevor Stuthridge**, Future Proofing Innovation Strategies Ltd

1:00 It's Elemental: Net New Ways to Power

From carbon to hydrogen and multiple opportunities in bio-gas and bio-energy, B.C. is at the forefront of managing the 'jigsaw puzzle' of energy innovations. Discover ways that you can work locally and globally in this field, taking B.C.'s best solutions from the discovery process to the world stage.

Moderator: Jason Wolfe, Fortis | **Kathi Fischer**, CleanO2 Carbon Capture Technologies Inc. | **Anna Stukas**, Carbon Engineering | **Myalee Muller**, Baker Hughes, A GE Company

1:45 Energy in Motion: The Power of the Ocean

There is no denying the power of the ocean and its tides, and the opportunities they offer to industries around the world who are seeking efficient, cost-effective solutions to power their needs. Discover cutting-edge innovations that are being developed and the exciting new research coming out of this field.

Brad Buckham, University of Victoria | **Simon Forrest**, Nova Innovation (Scotland) | **Elisa Obermann**, Marine Renewables Canada | **Voytek Klaptocz**, Mavi Innovations Inc.

2:45 Sensors in Sectors: Driving Efficiency and Productivity

The Internet of Things (IoT) is rapidly changing the way we interact with our world, keeping it safer - and in the case of our resource and agriculture sectors, increasing productivity. These presenters will share their different approaches to ensuring protection and efficient production across various sectors utilizing IoT.

Alan Swain, Wavefront | **Mischa Steiner**, Awesense | **Phillip Reece**, InDro Robotics | **Jeff More**, MineSense | **Michael Gilbert**, Semios

3:20 Data and Disasters: Industrial IoT for Response and Prevention

As we advance technologically, so have the tools and sensors all around us to better predict the once unpredictable movements of Mother Nature. This session will look at the use of IoT in creating more accurate predictive preparation and response systems to natural disasters to reduce the loss of life, economic disruption and societal shutdown in the face of catastrophe.

Ivan Rincon, Network BC | **Robert Atwood**, Hummingbird Drones | **Benoit Pirenne**, Ocean Networks Canada | **Greg Johnston**, Carl Data Solutions

4:00 Ideas at Work: Innovation and Technology in Mining

From using machine learning to predict breakdowns before they happen, to x-ray enhanced shovels to identify ore, Canada's largest diversified resource company, Teck Resources, is using cutting edge technology to improve productivity, safety and sustainability. In this session, discover how they are putting ideas to work at their operations around the world.

Victoria Sterritt, Teck | **Bryan Cox**, Mining Association of BC

INTERSECTIONS: TECH & LIFE

May 16 | 11:00 - 4:30

The future is now! From space mining and exploration to new applications for immersive media; the reshaping of retail to custom needs in an instant; and barrier breaking, game changing health, sport-tech and Agritech, it truly is a whole new world. The possibilities are now endless. Discover the realities of today's tech advancements and prepare to have your minds blown.

11:00 Space Flight: Fueling Innovation and Impact

Join Erika Wagner of Blue Origin as we explore what space flight means to mankind now and in the future. The vision and the joy in discovery will delight you. The sheer amount of innovative thinking required to make this viable offers untold opportunities. How will you be impacted and how can you be involved?

Amiee Chan, Norsat | **Erika Wagner**, Blue Origin

1:00 The Power of Immersive Entertainment & Narrative Realities

Join Brent in the exploration of the world of immersive entertainment, covering the current trends enabling this new medium, surveying examples from across the globe and delving into the powerful experiences that the future might hold. Learn how you can help define this exciting domain and revolutionize how humans are entertained, inspired and educated for years to come.

Dr. Maria Lantin, Emily Carr University of Art + Design |

Brent Bushnell, Two Bit Circus

1:45 The Future is Custom: The New Size Is You

More and more, consumers are expecting customized products from retailers, whether its brick and mortar stores or online. Creating highly tailored experiences helps make customers happy, while providing retailers with valuable data points that can grow their businesses with every walk-by, swipe or click. Discover who's finding success, and how are they doing it.

Ellen Schmidt-Devlin, University of Oregon | **Shamil Hargovan**, Wiivv | **Jean-Yves Couput**, Amer Sports Corporation | **Tom Waller**, Whitespace Labs, Lululemon

2:45 Barrier-Breaking Health Care

Innovations in health care start with the collection and accurate pro-active utilization of the data at hand and evolve into the daily discoveries being made for the multitude of medical issues and health needs of citizens around the world. In this session, we highlight the opportunities now available, the B.C. companies that are transforming how we prevent, diagnose and manage these needs, and the investors who are propelling them forward.

Natalie Dakers, Accel-RX | **Tamer Mohamed**, Aspect Biosystems | **Brenda Irwin**, Relentless Pursuit Pursuit | **Shannon Malovec**, TELUS Health

3:30 Feeding Opportunity: How AgriTech Innovations are Improving our Food Supply

Producing, managing and transporting crops and livestock to market are key issues in the agriculture sector. Drawing from a rich growing climate for diverse products and an even richer history of innovative thinking around food systems, this session will look at real opportunities in energy management, pest control and the use of blockchain to track products to market.

Kelleen Wiseman, UBC | **Dr. Saber Miresmaili**, Ecoation | **Dr. John Church**, Thompson Rivers University | **Bill Vanderkooi**, Nutriva Group | **Susan Levang**, Commissary Connect

4:00 Building Smart Cities

Technology is allowing cities to become smarter and more efficient to improve the lives of its citizens. With these new options for everyday challenges, how are cities utilizing their available technology? Which technologies do they wish they had? Hear from cities who are thinking ahead of the curve and learn how you can participate as we anticipate our future needs.

Jessie Adcock, City of Vancouver | **Sean Simpson**, City of Surrey