

8:00 - 10:00pm Hospitality Suite - VESUVIO SUITE - 28TH FLOOR

### **MONDAY, NOVEMBER 18** 7:00 - 7:00pm **Registration**- CONFERENCE FOYER 7:30- 9:00am Keynote Breakfast - Accelerating the Pacific Northwest Economy through Innovation Featuring: LOCATION: Chris Gregoire, CEO, Challenge Seattle; Co-Chair of the Cascadia Innovation Corridor; I FONESA I&II Former Governor of Washington State The Cascadia Innovation Corridor Partnership facilitates cross-border knowledge exchange, jointly advances and integrates our common infrastructure needs, supports strategies that accelerate the Pacific Northwest economy, creates an innovative ecosystem that attracts capital and the world's top talent, and builds a network of connected people, companies, capital, universities, colleges, and researchers. Moderated by: Irene Plenefisch, Government Affairs Director, Microsoft **Chris Gregoire** Irene Plenefish Challenge Seattle Microsoft

## **MONDAY, NOVEMBER 18 CONTINUED**

9:15 - 10:45am LOCATION: LEONESA I&II Session #1 - Innovation Ecosystems leading to Economic Growth: Globally relevant innovation is disrupting the region. The economic growth occurring in multiple sectors of the economy is being influenced by the digitization of Industry. The innovation session explores how technology is changing manufacturing, logistics, and everyday life, and how commercial enterprises are connecting with the U.S. federal Department of Defense. How should government and industry work together to ensure workforce and communities are able to take on these global opportunities?

Featuring:

Jaime Fitzgibbon, Founder and CEO, Ren.ai.ssance Insights

Ren.ai.ssance Insights is a network of innovators, technologists, strategists, data scientists, lawyers, and business executives triggering conversation and strategic development plans around responsible and sustainable innovation in technology, society, and government.

Jennifer Fox, Director, Chief of Staff, Autodesk

Autodesk developed the software that empowers numerous companies to create the innovations of tomorrow and solve the problems of today. If you've ever driven a high-performance car, admired a towering skyscraper, used a smartphone, or watched a great film, chances are you've experienced what millions of Autodesk customers are doing with their software.

**Bill Tam**, VP, Business Development, Canada's Digital Technology Supercluster The Supercluster is a new initiative in partnership with the Government of Canada to develop economic clusters at scale by fostering ambitious, collaborative R&D projects that will drive the digital transformation of Canadian businesses and improve Canada's competitiveness globally.

#### Moderated by:

### Nirav Desai, Senior Partner, Moonbeam Exchange

Moonbeam is a startup focused on rapid prototyping of solutions that address barriers to spatial and immersive computing technology adoption. One of their goals is to use big data to address big problems.



Jaime Fitzgibbon Ren.ai.ssance Insights



Jennifer Fox Autodesk



Bill Tam Canada's Digital Technology Supercluster



Nirav Desai Moonbeam Exchange

### 10:45 - 11:45 am Session #2 - Smart Grids

Location: Leonesa I&II What is the future of our electrical grid? How can we strengthen and maintain our interconnected systems? Join us for a panel discussion exploring the dynamic work that is already taking place to transform the way our grid works and look at how new technologies are increasing regional reliability and efficiency. This panel will focus on the complexity and interconnectivity of smartgrids, what the utility of the future looks like, and the questions we need to be thinking about for the future. Featuring:

**Karen Studarus**, Electricity Infrastructure Group, Pacific Northwest National Lab **Jason Zyskowski**, Sr. Manager, Transmission & Distribution, Snohomish County PUD Moderated by:

Brian Young, Director of Ec Dev, Clean Tech Sector, WA Dept. of Commerce







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Karen Studarus PNNL

Jason Zyskowski SnoPUD

Brian Young WA Dept of Commerce

11:45 - 12:15pm Networking Break- CONFERENCE FOYER Take this opportunity to network with fellow Forum attendees 12:15 - 2:00pm Keynote Plenary Luncheon - Out of this World: the Emerging Space Cluster in the PNW LOCATION: The PNW region is an emerging commercial space industry cluster. Host to several large and small Leonesa I&II companies, the region stands to benefit economically from this cluster as it continues to expand. Space as a sector, has many commercial applications that we are only starting to see materialize. The luncheon plenary will provide delegates a showcase of diverse, leading companies in the region and explore how economic development and workforce policy can foster growth of this emerging cluster. Featuring: Rhae Adams, VP of Strategy & Business Development, First Mode First Mode is revolutionizing the design, engineering, and development of technology for industries on and off the planet. First Mode harnesses the tools and technologies developed for the robotic exoliration of the solar system and adapts them to mission critical and safety critical projects on Earth, Mars, the Moon, and other planetary bodies. Curt Blake, Chief Executive Officer, Spaceflight Industries Spaceflight Industries is a next-generation space company enabling access to space and redefining global intelligence. They are focused on removing the complexities and high cost that once prohibited the majority of organizations from getting to space and observing our planet. The combination of innovative satellite design, rideshare launch offerings, and geospatial intelligence services provide the insights that transform how we view ourselves and Earth. Ken Young, General Manager, Aerojet Rocketdyne Aeroject Rocketdyne is an important contributor in launching America's next space age, providing systems and components that will help us travel deeper into our solar system than ever before. Customers include the U.S. Department of Defense and NASA, where they provide a full range of propulsion and power systems for launch vehicles, satellites, and other space vehicles. Moderated by: Emily Wittman, President & CEO, Aerospace Futures Alliance and Washington State Space Coalition The Aerospace Futures Alliance was formed in 2006 to provide aerospace companies with a single voice on policy issues affecting the sector. **Rhae Adams** Curt Blake **Emily Wittman** Ken Young First Mode **Spaceflight Industries** Aerojet Rocketdyne AFA and WSSC

### **MONDAY, NOVEMBER 18 CONTINUED**

#### 2:15 - 3:45 pm Session #3 - Transportation of Tomorrow Autonomous, Connected, Electric and Shared mobility (ACES) promises to enhance our economic LOCATION: development, reduce carbon emissions, save lives, and mitigate traffic congestion. Previous PNWER LEONESA I&II sessions in Spokane, Victoria, and Saskatoon have explored the economic and environmental benefits of advanced technology in transportation. In this session, we will examine the region's efforts on moving to a faster ACES adoption while exploring the rural-urban electric vehicle charging gap. Featuring: Tom Alberg, Managing Director & Co-Founder, Madrona Venture Group Bryan Mistele, President & CEO, INRIX INRIX is a leading provider of real-time transportation information, connected car services, and analytics worldwide. Jennifer Harper, Business and Programs Developer, Energy Northwest; The Electric Vehicle Infrastructure Transportation Alliance (EVITA) EVITA is leading the way to advocate for sustainable electric transportation infrastructure in Washington State and the Pacific Northwest. EVITA is preparing for accelerated consumer adoption of plug-in electric vehicles and wants to help their member utility customers better understand the technology. Fran Dougherty, Chief Technology Officer, Automotive at Microsoft Moderated by: Bruce Agnew, Director, ACES Northwest Network and Senator Chuck Winder, co-chairs of PNWER Transportation Working Group Bryan Mistele Jennifer Harper Tom Alberg Fran Dougherty Bruce Agnew Sen. Chuck Winder Madrona Venture Group INRIX ACES NW Network EVITA Microsoft Idaho 3:45 - 5:15 pm Session #4 - Smarter Regions for the Future- 5G networks and Smart Cities are revolutionary innovations, but in an ever-changing technology policy landscape, it can be hard to keep up! This panel LOCATION: will take you from the national level of U.S. and Canadian 5G/Smart City policy to the applications of Leonesa I&II this technology in a mid-sized city pilot, to the realities of what 5G will mean for the providers of this service. Explore the economic potential of applications built on 5G technology, the practical aspects of implementing pilot programs, and how these innovations have the potential to bridge or further exacerbate the connectivity access gap. Featuring: Azmeena Hasham, Distinguished Architect, Smart Communities - Transportation/ Mobility, Verizon Kim Zentz, Chief Executive Officer, Urbanova Michael Boyle, Strategic Planning Director, Westin Building Exchange

Brandon Lee, Consul General, Consulate General of Canada- Seattle

Moderated by:

Vandana Slatter, State Representative, Washington State Legislature



5:30 - 7:00pm

8:00 - 10:00pm

LOCATION: LEONESA III

Evening Networking Reception - Join legislators and government and industry professionals for an evening reception hosted by the Canadian Engineering and Geoscience Regulators.

Hospitality Suite - VESUVIO SUITE- 28TH FLOOR

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7:00 - 4:00pm Registration - CONFERENCE FOYER

7:30 - 9:00am

Location: Leonesa I&II

Keynote Breakfast Plenary - What is the Deal with Trade?

PNWER is one of the most trade dependent regions in the world! Get the latest data and hear from the leading experts in the region on the impact of tariffs, USMCA/CUSMA, and the ongoing trade wars.

Featuring:

**Maria Ellis**, Executive Director, Pacific Northwest International Trade Association; Portland Business Alliance

**Robert Hamilton**, Governor's Advisor for Trade Policy, WA Department of Commerce **Lori Otto Punke**, President, Washington Council on International Trade

Moderated by: Edward Alden, Senior Fellow, Council on Foreign Relations



Portland Business Alliance



Robert Hamilton WA Department of Commerce



Lori Otto Punke WCIT



Edward Alden Council on Foreign Relations

9:20 - 9:30am Bus Departure for Working Waterfront and Maritime Innovation Tour- CONFERENCE FOYER

David Gudgel, CEO, Clipper Vacations

Ephraim Froehlich, Principal, AKWA-DC

Joe Ritzman, Vice President, SSA Marine

#### 9:45 - 12:00pm Working Waterfront and Maritime Innovation Tour, hosted by Argosy Cruises

Location: Argosy Cruises Pier 55

All participants will join this session to explore the dynamics of global trade impacting the region during this working tour of Elliott Bay. Participants will hear from port leaders, shipping, rail, and other stakeholders to learn more about the impact of changing global trade patterns, intermodal transportation linkages, and the impact of tariffs on trade.

Kurt Beckett, Deputy CEO, Northwest Seaport Alliance

Linda Styrk, Executive Director, Puget Sound Pilots

**Amy Scarton**, Director, Washington State Ferries

Jill Mackie, Senior Vice President Public Affairs, Vigor Industrial

Representative Gael Tarleton, Former Port Commissioner, WA State Representative

Captain Michael Moore, Vice President, Pacific Merchant Shipping Association

Commander Nate Menefee, United States Coast Guard, Sector Puget Sound

Rear Admiral Anthony "Jack" Vogt, Commander, Thirteenth Coast Guard District

Buses will depart from the hotel at 7th Ave starting at 9:20am

BRING WARM CLOTHES FOR THE TOUR Featuring:

## **TUESDAY, NOVEMBER 19 CONTINUED**

12:30 - 2:00pm Luncheon Keynote Plenary - Roundtable of upcoming legislative sessions: Hear from legislators on the main issues expected in their respective jurisdiction's upcoming legislative sessions. LOCATION: Featuring: Leonesa I&II Rep. Gael Tarleton, Washington State Sen. Mia Costello, Alaska Larry Doke, MLA, Saskatchewan Richard Gotfried, MLA, Alberta Sen. Chuck Winder, Idaho Moderated by: Tom Banse, Public Radio Regional Correspondent, KUOW Public Radio Rep. Gael Tarleton Sen, Mia Costello Larry Doke, MLA **Richard Gotfried**, MLA Sen. Chuck Winder Tom Banse Washington Alaska Saskatchewan Alberta Idaho KUOW Networking Break- CONFERENCE FOYER 2:00 - 2:15pm Take this opportunity to network with fellow Forum attendees 2:15 - 3:30 pm

Location: Leonesa I&II

**Session #5 - Building the Border of the Future** - Featuring an update on the Beyond Preclearance Coalition activities, Innovative airport and land border technologies, and the status of the Land, Marine, Rail agreement.

Featuring:

**Solomon Wong**, President and Chief Executive Officer, InterVISTAS

InterVISTAS Consulting Group is a leading management consulting company with extensive expertise in aviation, transportation and tourism. Their consultants have delivered projects in over 76 countries around the world.

**Michael Freeman,** Assistant Director, Office of Field Operations, U.S. Customs and Border Protection

**Jason Beloso,** Strategic Planning Manager; Rail, Freights and Port Division; Washington State Department of Transportation

Ryan Malane, Vice President of Marketing, Black Ball Ferry Line

Moderator:

Laurie Trautman, Director, Border Policy Research Institute



Solomon Wong InterVISTAS



Michael Freeman U.S. Customs & Border Protection



Jason Beloso WSDOT



Ryan Malane Black Ball Ferry Line



Laurie Trautman Border Policy Research Institute

**TUESDAY, NOVEMBER 19** 

#### 3:45 - 5:00 pm Session #6 - What's All the Buzz About? What is the Future of Drones?

Location: Leonesa I&II Drones are being utilized in ways that would seem impossible just a few years ago. The manufacturing and innovative drone technologies happening right here in the Pacific Northwest gives us the chance to be a world leader on drones. Learn the latest on this fast-evolving industry and hear how drones are being used to mitigate disasters, inspect critical infrastructure, increase public safety, and more. Is your policy in line with federal regulations? What are policy recommendations from private sector UAV operators?

Featuring:

Bryan Norton, Deputy City Attorney, City of Boise

Is your state making unconstitutional laws related to drone policy? **Douglas Spotted Eagle**, Founder, Sundance Media Group LLC **Tom Hagen**, Director, AUVSI

Moderator:

Charlton Evans, CEO, End State Solutions LLC



Bryan Norton City of Boise



Charlton Evans End State Solutions



AUVSI



Douglas Spotted Eagle Sundance Media Group LLC

6:00- 8:00pm

LOCATION: Amazon Spheres 2111 7th Avenue **Evening Reception at the Amazon Spheres** - Enjoy this opportunity to network with legislators and policy professionals at one of Seattle's newest attractions- The Amazon Spheres, a unique cloud forest biodome. The Spheres are home to more than 40,000 plants from the cloud forest regions of over 30 countries.

Dress in layers! The Spheres climate is different than you may be accustomed to- it is optimized so both plants and visitors can thrive. The temperature will be 72 degrees with a humidity around 60 percent but will cool off as the evening progresses.

Doors will not be open until 6pm. Remember to bring your government-issued ID and conference badge

