



National Commission on Innovation & Competitiveness Frontiers **Mountain West Innovation Summit**

June 21-22, 2022
University of Wyoming, Laramie, WY

Day 2, Breakout Group #2: The Future of Technology: Developing and Deploying Disruptive Technologies at Scale

Date: June 22, 2022

Time: 9:45am – 11:15am

Venue: Marian H. Rochelle Gateway Center

Room: Gateway Salon B

Registration: On-the-ground registration and photo release form signing for the Summit will take place in the Gateway Center Foyer.

CO-CHAIRS

Mr. Andre Doumitt

Director of Innovation Development, The Aerospace Corporation

Dr. Neil Thompson

Director, FutureTech Research Project, MIT Computer Science and Artificial Intelligence Lab & MIT Initiative on the Digital Economy, Massachusetts Institute of Technology

MODERATORS

The Hon. Kimberly Reed

Former Chairman of Board of Directors, President, and CEO, Export-Import Bank of the United States, -and-

Distinguished Fellow, Council on Competitiveness

The Hon. Deborah L. Wince-Smith

President & CEO, Council on Competitiveness -and-
National Commission Co-Chair

GENERAL INFORMATION

- Press may be in the room – **THOUGH UNLIKELY**. Nevertheless, please keep in mind your comments as they may be quoted.
- The breakout sessions will **NOT** be audio recorded (though Moderators and Support Team will be taking notes) – but they are likely to be photographed – as such, we will ask all participants to sign a simple release to use images upon registration.
- Images will be used in the production of a post-Summit summary report.
- Dress code for the Summit – including the reception and dinner on the 21st – is business casual.

PROGRAM FORMAT AND DYNAMICS

The purpose of the breakout sessions is for Summit participants to leave plenary and gather in smaller groups to focus on one of four critical issue sets that will form the 2022/2023 “policy recommendation generation engine” of the Council on Competitiveness “National Commission on Innovation and Competitiveness Frontiers.” The focus will include a consideration – **BEFORE THE SUMMIT** – of a short breakout group “charter” which sets out the innovation and competitiveness challenge under consideration – as well as shares a series of questions to consider addressing/answering at the Mountain West Innovation summit.

- Breakout Group #2, “The Future of Technology: Developing and Deploying Disruptive Technologies at Scale” will report at the appointed time to Gateway Salon B on both June 21st and June 22nd.
- Breakout Groups will be led on both days by a different set of “Co-Chairs”, supported substantively and administratively by a group of “Moderators.”
- Moderators will bring the Breakout Groups to order – introducing the “Co-Chairs” and initiating an around-the-room introduction of Breakout Group participants.
- Breakout Group Co-Chairs will set the stage for the 1-hour 30-minute conversation – reviewing the “charter” for the conversation, as well as outlining a series of questions to address across the two days of the Summit.
- The goal is not to cover every question on Day 1 – but to go deep on a set of questions on both days of the Summit, ensuring ample consideration.

- The Co-Chairs and/or Moderators should also note from the outset that upon completion of each day's Breakout Group conversation, all Breakout Groups will return to plenary – and each Breakout Group will need to nominate a representative to join the emcee on stage and provide a 3-5 minutes summary of key issues discussed in Breakout. This will be repeated on Day 2 – but with, ideally, a different representative standing up for each group.
- The Co-Chairs should help instigate and drive the Breakout Group conversation – but Moderators need to be prepared to jump in and support the Co-Chairs, either with suggested questions or time check to proceed to a different issue/question outlined in the Breakout Group charter.
- The Co-Chairs and Moderators should use the final 15 minutes of the session to try – with the participation of the full Breakout Group – to nominate a representative and work together to arm that representative with a prioritized summary to report back in plenary.
- Moderators need to track the questions/issues covered during Day One – and at the beginning of Day 2's Breakout, quickly remind respective groups on Day 1's findings – and help set up Day 2 Co-Chairs for reflections/opening remarks.

(IF YOU ARE A DAY 2, JUNE 22ND CO-CHAIR FOR A BREAKOUT GROUP, BE PREPARED TO COME TO DAY 2 WITH YOUR OWN REFLECTIONS OF DAY 1 CONVERSATION – AND BE PREPARED TO RESTART THE CONVERSATION WHERE IT LEFT OFF ON DAY 1. MODERATORS – BE PREPARED TO SUPPORT DAY 2 CO-CHAIRS IN THE PREVIOUSLY BULLETED TASK.)

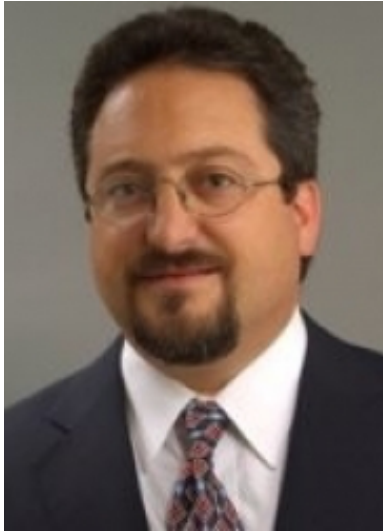
MODERATOR ROLE

- The moderator will introduce the session and Co-Chairs each day – and be prepared to frame the discussion with his or her insights regarding the Breakout Group topic (2-3 minutes).
- The moderator will support the Co-Chairs each day in guiding conversation, using the general questions in this guide allowing time for response and commentary from panelists.
- The moderator will work both days with their Co-Chairs to stop conversation, engage the entire Breakout Group in summarizing chat, find/nominate a Breakout Group rep and help prepare him/her with 3-5 minutes worth of summary bullets to deliver back in plenary.

BREAKOUT GROUP CONCEPT AND KEY QUESTIONS TO ADDRESS ON DAYS 1 & 2

Refer to the provided National Commission concept paper, plus the “FUTURE OF TECHNOLOGY” CHARTER in that report, for a summary of key issues and specific questions to consider in this breakout group.

CO-CHAIR AND MODERATOR BIOS



Mr. Andre Doumitt

Director of Innovation Development, The Aerospace Corporation

Andre Doumitt is the Director of Innovation Development in the iLab at The Aerospace Corporation. Previously he served as president and founder of Digital AdopXion LLC, a consulting company focused on transitioning R&D technology in the airborne and space-based data collection and processing domain into new commercial and military programs. Doumitt served as President and CEO of Geosemble Technologies, an In-Q-Tel funded start-up spun out of the University of Southern California's Computer Science department. Geosemble developed and sold technology to automatically integrate open source text into satellite imagery and maps, and was acquired in 2012.

Previous to that role, Doumitt spent five years with BAE Systems in a variety of executive management roles focused on fly-by-wire flight control systems, integrated GPS/navigation sensor systems and digital map systems with U.S. and international aircraft operators. Before that, Doumitt spent two years with the Italian/U.S. joint venture Bell Helicopter/Agusta Aerospace, and four years with The Boeing Company developing industrial relationships with international suppliers for Boeing's military and civilian helicopter programs.

Doumitt spent three years as a principal of technology start-up company Ecotech International where, as Director of Business Development, he created new joint ventures and licensing agreements for his U.S.-based commercial customers. As a technology start-up, Ecotech was part of the Arizona Technology Incubator and it successfully graduated from that program. Doumitt has also held several international positions, including a market research consulting role at an Australian research firm based in Hong Kong; a Japanese prefectural government position in Tokyo; a consular support staff role at the U.S. Embassy in Paris; and positions at the U.S. Department of Commerce and with the Coordinating Committee for Multilateral Strategic Trade Control.



Dr. Neil Thompson

Director, FutureTech Research Project, MIT Computer Science and Artificial Intelligence Lab & MIT Initiative on the Digital Economy, Massachusetts Institute of Technology

Neil Thompson is an innovation scholar in MIT's Computer Science and Artificial Intelligence Laboratory, a research scientist at the MIT Initiative on the Digital Economy, and an associate member of the Broad Institute. His research interests include computer performance and economic outcomes, tools and innovation, patenting and licensing, and executing on innovation and strategy. Previously, he was an assistant professor of innovation and strategy at the MIT Sloan School of Management and a visiting professor at Harvard University's Laboratory for Innovation Science. Before joining academia, he worked at the Lawrence Livermore National Laboratories, Bain and Co., the United Nations, World Bank, and Canadian Parliament. He

earned a BS in physics from Queen's University, an MS in economics from the London School of Economics, and MS degrees in computer science and statistics, and a PhD in business and public policy, from the University of California, Berkeley.



The Hon. Kimberly Reed

Former Chairman of Board of Directors, President, and CEO, Export-Import Bank of the United States, -and- Distinguished Fellow, Council on Competitiveness

Kimberly Reed was the first woman to serve as Chairman of the Board of Directors, President, and CEO of the Export-Import Bank of the United States (EXIM)—the nation’s official export credit agency—where she worked to help companies succeed in the competitive global marketplace.

Ms. Reed currently is a Council on Competitiveness Distinguished Fellow. She also serves on the Board of Directors of Momentus (NASDAQ: MNTS)—an emerging growth space infrastructure company that plans to offer services to support the growing space economy and enable the commercialization of space—and is a

nominee for the Board of Directors of Takeda (TSE: 4502/NYSE: TAK), a Fortune Global 500 biopharmaceutical company.

Recognized as one of the “100 Women Leaders in STEM” and “Most Powerful Women in Washington,” Ms. Reed received the U.S. Department of Defense’s highest civilian award—the Medal for Distinguished Public Service, is a National Association of Corporate Directors (NACD) Certified Director, and Council on Foreign Relations Life Member.

During her tenure as EXIM Chairman, Ms. Reed oversaw \$135 billion in financing authority for loans, guarantees, and insurance to support the export of U.S. goods and services to a potential 189 countries. She worked with high-level government officials, financial institutions, and insurance companies in the United States and around the world.

She previously served as President of the International Food Information Council Foundation, Senior Advisor to U.S. Treasury Secretaries John Snow and Henry Paulson, CEO of the Community Development Financial Institutions Fund, Counsel with the U.S. Congress, and Vice President for Financial Markets Policy Relations at Lehman Brothers.

Reed earned her J.D. from West Virginia University College of Law and B.S. in biology and government from West Virginia Wesleyan College.



The Hon. Deborah L. Wince-Smith
President & CEO
Council on Competitiveness

Deborah L. Wince-Smith is the president & CEO of the Council on Competitiveness, a coalition of CEOs, university presidents, labor leaders and national laboratory directors, committed to driving U.S. competitiveness. She has more than 20 years of experience as a senior U.S. government official, as the first Senate-confirmed Assistant Secretary for Technology Policy in the U.S. Department of Commerce and Assistant Director for International Affairs in the Reagan White House.

As a globally recognized leader and practitioner in competitiveness strategy, innovation policy, technology commercialization, and public-private partnerships, Ms. Wince-Smith has served and is a current member on numerous national and global advisory boards and committees, as a University Trustee, and as a director on public and private corporate boards.

She has served on the University of California's President Council for the National Laboratories, the Board of Governors of Argonne National Laboratory, the US Naval Academy Foundation, the Smithsonian National Board, as a Trustee of Lehigh University, member of the Advisory Committee of the US Export-Import Bank, UNICEF, the Secretary of State's International Economic Policy Committee, as Chair of the Secretary of Commerce's Strengthening America's Communities Initiative (SACI), Chair of the World Economic Forum's Global Agenda Council on Competitiveness, member of Malaysia's Global Science and Innovation Advisory Council (GSIAC), and as a Corporate Director of NASDAQ-OMX.

Currently, Ms. Wince-Smith serves as a Commissioner on the Council on Competitiveness National Commission on Innovation and Competitiveness Frontiers, the National Commission of the Theft of American Intellectual Property, a Council Member of the Japan Science, Technology, and Society Forum (STS), as a member of the Global Advisory Committees of the Japan Science and Technology Agency (JST) and the Delphi Economic Forum (DEF), the National Academies Strategic Council on Research Excellence, Integrity, and Trust, as Vice-Chair of the Trustees of the American College of Greece (ACG), the Strategic Research Advisory Committee of the University of Oklahoma, the advisory committee of Queen's Management School, Queen's University, Belfast, and as a Director of private technology companies in medical lasers, cybersecurity, and bio-therapeutics.

Ms. Wince-Smith graduated magna cum laude and Phi Beta Kappa from Vassar College and earned a Master's Degree in Classical Archaeology from King's College, Cambridge University. She received an Honorary Doctorate in Humanities from Michigan State University, an Honorary Doctorate of Public Administration from the University of Toledo, an Honorary Doctorate of Law honoris causa from the Queens University Belfast, an Honorary Doctorate of Humane Letters honoris causa from Worcester Polytechnic Institute and, most recently, an Honorary Doctorate of Public Service from the University of South Carolina.