

2022 BEST DEFENCE CONFERENCE

Date: November 16 & 17, 2022
Location: RBC Place London
Emcee: Peter Studer

WEDNESDAY, NOVEMBER 16, 2022

CAF Mini Outlooks

Captain (N) Blair Brown, Director Naval Requirements, Royal Canadian Navy.

Captain Brown enrolled in the Canadian Armed Forces in 1997 and graduated from the Royal Military College in Kingston in 2001 with a degree in Civil Engineering. Following graduation, he joined Canadian Fleet Atlantic specializing in Above Water Warfare.

During his career, Captain Brown has alternated between operational and force development posts. His commands include HMC Ships Edmonton, Protecteur and Fredericton while memorable shore posts include having been a member of the project staff for both Halifax Class Modernization and Canadian Surface Combatant.

Captain (N) Blair Brown has been the Director of Naval Requirements since the summer of 2021.

Colleagues, please join me in welcoming Captain (N) Blair Brown.

Colonel David Pletz, Director Air Requirements, Royal Canadian Air Force.

A native of Vancouver, Colonel Pletz joined the Canadian Armed Forces in June 1993. He studied at Royal Roads Military College and at the Royal Military College where he earned a Bachelor's degree in Materials Science in 1997. After graduating, he received pilot training in Moose Jaw, Saskatchewan and received his wings in 1998. He was subsequently selected to fly CF-18 Hornet fighters.

Since 2000, Colonel Pletz has held increasing senior squadron, wing and staff appointments. In 2004, he was selected as the CF-18 National Air Demonstration Pilot

In 2009, Colonel Pletz was selected as Executive Assistant for the Commander 1 Canadian Air Division and in 2010, he attended the Joint Command and Staff Program at the Canadian Forces College.

Upon promotion to Lieutenant Colonel in June 2011, Colonel Pletz was posted to the Eastern Air Defense Sector (EADS) in Rome, New York, USA as Commander of the Canadian Detachment and Deputy Director of Operations.

In June 2013, he was posted to Bagotville as 3 Wing Operations Officer. Colonel Pletz deployed to Romania in May 2014, where he took command of 425 Tactical Fighter Squadron, and subsequently took Command of the Operation Reassurance Air Task Force (ATF). Under

his command, the ATF moved from Romania to Lithuania and carried out the NATO Air Policing Mission in the Baltic States from September 2014 to January 2015.

In June 2015, Colonel Pletz was posted to 1 Cdn Air Div, as Senior Staff Officer Air Force Standards. In June 2017, he was promoted to his current rank and posted to National Defence Headquarters as Director of Fighter Capability Transition and Integration. Colonel Pletz currently serves as Director Air Requirements in the RCAF Air Staff.

Col David MacIntyre, Director Land Requirements, Canadian Army.

Colonel MacIntyre joined the Canadian Armed Forces in 1994 and was commissioned in Yellowknife, NT as an Armour officer. He was posted to Lord Strathcona's Horse (Royal Canadians) (LdSH(RC)) in 1998 after completing a bachelor's degree through the Regular Officer Training Program.

Throughout his career, Colonel MacIntyre has held command and staff positions, most notably; he had the privilege to be the Commanding Officer of Canadian Forces Base Shilo (2017-2019), officer commanding a Sabre Squadron (2011-2013) with LdSH(RC) and was G3 Operations for 1 Canadian Mechanized Brigade Group (2014 - 2016).

Colonel MacIntyre has several operational tours including the North Atlantic Treaty Organization

Stabilization Force in Zgon, Bosnia (2000), Joint Task Force Afghanistan in Kandahar (2006 and again in 2008) and a domestic deployment to Operation Podium (Olympic Games) in 2010.

Colonel MacIntyre's staff assignments have included tours with The Royal Canadian Armour School (2004), Directorate of Land Requirements (2005-2007, 2016, 2019-2020), and 1 CMBG (2014-2016). He is a graduate of the Land Forces Technical Staff Program and the Advanced Command and Staff Course in Shrivenham, United Kingdom where he received a Master's Degree in Strategic studies from King's College London. In 2020, Col MacIntyre completed the Senior Course at the NATO Defence College in Rome and has completed DP4 through the National Security Program.

Colonel MacIntyre returned to the Canadian Army Headquarters in 2019 as Deputy Director DLR coordination, completed a year in the Canadian Army operations branch and, upon promotion, assumed the role of Director Land Requirements in August 2022.

Stacy Bostjanick, Director of CMMC Policy, U.S. Department of Defense.

Ms. Bostjanick is a member of the Senior Executive Service and serves as the Chief of Implementation and Policy, Deputy Chief Information Officer for Cybersecurity (DCIO(CS)), Office of the Chief Information Officer. In this position, she serves as the focal point within the DoD CIO to implement the Cybersecurity Maturity Model Certification (CMMC) program across the Defense Industrial Base (DIB).

As the CMMC Director, Ms. Bostjanick is responsible for shepherding this critical program through the Code of Federal Regulation System rulemaking process for both the CFR 32 and 48 and ultimately implementing the program across the more than 220,000 companies that make up the DIB. This includes collaborating across the Federal Government with partners such as the Department of Homeland Security and the other members of the Federal Acquisition Security Council, to standardize this process and truly federalize it. In this role, she also directs the Department's efforts to educate DIB partners on programmatic requirements and ensures that DoD implements risk information sharing through the program's execution. Additionally, Ms. Bostjanick is responsible for ensuring the Defense Acquisition community is trained and capable of including these requirements in their Programs and Acquisitions.

Mark Brown – Pro Metal Industries Platinum Sponsor Pitch.

Kadie Ward Commissioner and Chief Administrative Officer at Ontario Ministry of Labour, Training and Skills Development

Kadie Ward is a seasoned executive who has worked with over 100 cities from 30 countries to design and deliver inclusive economic growth strategies. Ward has an MA in Media Studies and an MBA with a focus on international finance, economics, and equity.

As an award-winning multi-media producer, her expertise has taken her around the world working with legislators to establish campaigns and programs to support economic growth.

Ward recently worked with Federally funded programs to support economic and democratic transformation in Ukraine. She worked with 28 cities across Ukraine to strengthen local government and local economies. She began working in Ukraine in 2012 just before the revolution of dignity that saw the resignation of then president Yanukovich leading to a resurgence of Russian aggression in eastern Ukraine and the annexation of Crimea.

Ward has witnessed firsthand how Ukrainians are committed to defending their sovereignty and standing firm on the principles of responsible governance and open markets. Ward is a Queen's Diamond Jubilee Medalist, recognized for her work contributing to significant economic improvement in various Canadian cities.

Ukrainian Ambassador Yuliya Kovaliv.

Yuliya Kovaliv was appointed Ukraine's Ambassador to Canada and arrived to Ottawa on March 29, 2022.

Yuliya Kovaliv has almost ten years of experience in executive positions in public administration and Ukraine's investment promotion.

Prior to joining the Embassy Ambassador Kovaliv held the position of the Deputy Head of Office of the

President of Ukraine in charge of economic policy development and IFIs coordination. She also served as the Deputy Chair of the Supervisory Board of National State-Owned oil & gas company “Naftogaz of Ukraine” (2019-2021), the Deputy Secretary of the National Investment Council of Ukraine under the President Ukraine and the Member of the National Reform Council.

In 2017- 2019 Ambassador Kovaliv served as the Head of the Office of the National Investment Council of Ukraine under the President of Ukraine, advisory platform, which included global business leaders and IFIs, where she was in charge of investment promotion, policy dialog and FDI attraction.

In 2015 – 2016 Ambassador Kovaliv served as the First Deputy Minister for Economic Development and Trade overseeing reforms of privatisation, corporate governance of state-owned enterprises, investment policy, liberalization of the energy sector and IP. In 2016-2017 she served as a Chairwomen of a newly-launched Supervisory Board of National State-Owned oil & gas company “Naftogaz of Ukraine”, aimed to bring governance of the biggest state-owned company to the OECD standards, open access to global financial markets and strengthen Ukraine’s energy security. In 2014-2015 Ambassador Kovaliv served as the Commissioner of the National Regulatory Commission for Energy and Utilities. Before joining the Regulator, Yuliya Kovaliv was in charge of public administration and energy sector reform coordination at the Coordination Center of Economic Reforms.

Prior to her career in public sector Ambassador Kovaliv spent 6 years working in the private sector.

Yuliya Kovaliv was born in Ivano-Frankivsk. She holds a Master of Economics from the National University “Kyiv-Mohyla Academy” and a Master of Public Administration from the National Academy for Public Administration under the President of Ukraine.

Ambassador Kovaliv is married with two children.

Voltsafe Techshowcase Pitch

Hexagon Techshowcase Pitch

Next Generation Combat Vehicle Panel

Brant Dayley: Vice President, Business Creation for Electrification, Autonomy and Connected Services

Brant V. Dayley is vice president of business creation for Electrification, Autonomy and Connected Services for GM Defense. He is responsible for identifying domestic growth opportunities and for shaping customer and partner requirements that align with GM Defense’s core capabilities.

Prior to joining GM Defense, Brant served as the director of Global Capability Analysis & Assessment for Raytheon Missiles & Defense and as the mission executive for the company’s Customer Immersion Center. Prior to his private sector experience, Brant

served 30 years in the U.S. Army. He was an Air & Missile Defense Officer and served on the Joint, Army and Interagency Staff as a division chief and director.

Brant earned an undergraduate degree in environmental engineering from New Jersey Institute of Technology and Master of Science degrees from Florida Institute of Technology, Air University and National Defense University.

Steve Pietrangelo: General Dynamics Land Systems-Canada

Mr. Steven Pietrangelo was appointed Director, Engineering Development & Technology (ED&T) of General Dynamics Land Systems–Canada in May 2021. In this role he has responsibility and accountability for cost, schedule, processes and performance of the ED&T organization. His team includes over 500 employees in Design Engineering, Systems Engineering, Project Management, Configuration Management, Logistics, and Advanced Products & Technology.

He joined Land Systems in 2001 and has held positions of increasing responsibility including assignments in design engineering, project engineering, and systems management. Prior to his current role, Mr. Pietrangelo served as Department Manager, Wheeled Systems Management, U.S. Operations.

Mr. Pietrangelo holds a Bachelor of Science in Mechanical Engineering from the University of Michigan. He earned a Master's of Business

Administration with Distinction from the Ross School of Business at the University of Michigan.

Mark Patterson, Managing Director, SRC Canada Inc.

Mark Patterson was the first SRC Can employee and serves as the Managing Director. Patterson will lead efforts to initially support SRC Can's customers with Electronic Warfare modernization and Intelligence Mission Data (IMD) efforts, before expanding the offering across the SRC Inc.'s product portfolio of RADAR, Sensors, and Force Protection capabilities.

Patterson is an experienced professional with 25+ years of demonstrated success in business development and management. His background includes program management, engineering and business development in both the Royal Air Force and private sector. Patterson's final military assignment was conducting capability development for the Canadian Armed Forces within the defense intelligence environment.

He has a bachelor's degree from the University of Lincoln and is a graduate of the Royal Air Force College Cranwell completing both Officer and Engineer Officer Training with distinction. Patterson is a professional member of the Institution of Engineering and Technology and a Board Member of the Association of Old Crows, Maple Leaf Chapter.

Niklas Ålund, Director, Business Development and Strategy, Saab Group

Living in Vastervik on the Swedish east coast close to the Saab Barracuda facility. 20 years in the SWE Army, Mech Infantry, Light Infantry and combat engineering. Systems Manager for IEDD, Engineering Systems and Signature Management at Swedish Armed Forces joint HQ 2004-2007.

Swedish representative to NAAG, Nato Armament Group 2004-2007. COO for a SME developing Near-Real-Time MMI's within Homeland Security for 3 years. Joined Saab Barracuda 2010, working globally within Signature Management and Deception on strategic level and B2B.

1991 Commissioned Officer Swedish Army

1999-2000 National Defence College

2000 Major

2004-2007 System Manager: Engineer-, EOD-, IEDD and Signature Management Systems, Swedish Armed Forces Head Quarters.

2007-2009 Joined Industry, Production Manager C⁴I operators platforms for Civil Security

2010— Saab Barracuda

National Cybersecurity Consortium Panel

Andrew Walenstein, Blackberry

BlackBerry's Advanced Research Lab is an R&D-focused arm of BlackBerry whose main mission is accelerating technical innovation across BlackBerry's extensive portfolio of products and services. Andrew Walenstein is the Senior Director of BlackBerry Labs, and leads the

Advanced Research team within the lab, and runs both the funded R&D program and academic partnerships program. Prior to joining BlackBerry in 2012 he was an Assistant Professor of Computer Science at the University of Louisiana at Lafayette.

Terry Manion, General Manager and Vice President of Raytheon Canada

Manion joined Raytheon Canada following a 20-year career with General Dynamics Canada (GDC). At GDC, he served as the Land Command Support System (LCSS) program director with responsibility for over 80 projects providing support services for the Canadian Army; P&L; and capture and management of technology and advanced programs. Prior to leading the LCSS programs, Manion was the deputy program manager for international programs, including JP2072 and BOWMAN, which provided the Australian Army with a new land tactical communication system and U.K. Army with a complete retrofit of Land Tactical Communications equipment.

Manion has worked in design engineering, development, integration, system security architecture, program and project management for state-of-the art communications systems, radio requirements and radio equipment including HF, VHF and Wideband Mobile Ad-hoc Networking (HCDR) radios.

Manion earned his bachelor's degree in Electrical Engineering from the Royal Military College of Canada and his Master of Business Administration from the

University of Calgary. Additionally, he is a registered professional engineer in Alberta with APPEGA and holds a professional program management certification.

Ken Barker Ph.C., FCIPS, I.S.P., ITCP, University of Calgary, Director of the Institute for Security, Privacy, and Information Assurance (ISPIA); Founding Director, National Cybersecurity Consortium

Ken Barker Ph.D., FCIPS, I.S.P., ITCP is a professor of computer science at the University of Calgary. He holds a PhD in computing science from the University of Alberta (1990) and has many years of experience working with industrial computer systems. Ken has interest in system integration, distributed systems, database systems, and the privacy and security of data repositories.

He has served as the Dean of the Faculty of Science and as head of computer science at the University of Calgary. He is the director of the University of Calgary's Institute for Security, Privacy and Information Assurance and the president of the Alberta body of the Canadian Information Processing Society (CIPS Alberta).

He is a Fellow of the Canadian Global Affairs Institute, a Fellow of the Canadian Information Processing Society, a Senior Member of the IEEE, and a Life-time Member of the ACM. He is the President of CIPS Alberta and is a past president of the Canadian Association of Computer Science (CACs/AIC) in

addition to having served on the Computer Science Accreditation Council. As the director of research laboratories at the University of Calgary and University of Manitoba, he has supervised over 70 graduate students, in addition to several post-doctorates and research assistants. Dr. Barker has published over 250 peer-reviewed publications.

Ken is one of the founding directors of the National Cybersecurity Consortium (NCC) and chairs the Initiation Transition Committee (C-ITC).

Redlore Techshowcase Pitch

Akimbo Techshowcase Pitch

Driving Economic Reconciliation through Defence Procurements Panel

Doug Wilson-Hodge, Director, Strategy & Canada Business Development, General Dynamics Land Systems – Canada

Doug Wilson-Hodge was appointed Director for General Dynamics Land Systems-Canada responsible for Strategy and Canada Business Development, in May 2022.

Doug leads an experienced team that focuses on developing new business opportunities for the spectrum of General Dynamics Land Systems products in Canada. In addition, his team is responsible for strategy, business development, government and

community relations, communications, offsets and industrial participation.

Doug previously held the position of manager government relations & strategy. Prior to his most recent assignments, Doug has been in various leadership roles within in Business Development and Program Management.

Doug also served as an officer in the Canadian Armed Forces Primary Reserve, retiring after 14 years. With more than 30 years of experience in the defence industry, Doug has also been recognized for his contributions to General Dynamics Land Systems receiving the President's Award three times.

Doug holds a Bachelor of Arts Degree (History) from Western University. He received the Canadian Forces Decoration (CD) in 2002, was awarded the Queen's Golden Jubilee Medal, and holds a Project Management Professional (PMP®) designation from the Project Management Institute. He is also active on committees with Canadian Association of Defence and Security Industries, and volunteers on the Board of Directors with St. John Ambulance, Southwestern Ontario Branch, and is also on the Board of Directors for the London Chamber of Commerce, and London Health Sciences Foundation.

Thomas Benjoe, President, FHQ Developments, File Hills Qu'Appelle Tribal Council, Regina Saskatchewan

Thomas Benjoe is the President & CEO for FHQ Developments and is from the Muscowpetung First

Nation. His background includes Indigenous Business, Governance and Economic Development as well as Commercial Banking.

Thomas is a founding Board of Director's member for FHQ Developments and was named President & CEO in 2016. FHQ Developments manages Indigenous Investments, Partnerships and Economic Development that creates the greatest economic impact where they do business while utilizing Indigenous knowledge, thought and value systems to create a better economic future for the Nations and Citizens of the File Hill's Qu'Appelle Tribal Council. FHQ Developments currently manages a portfolio of 12 companies.

Thomas currently serves as the Chair of the Saskatchewan Chamber of Commerce, SIIT Indigenous Innovation Advisory Council, First Nations University of Canada Spring Celebration Powwow Committee (Co-Chair), Member of Leaders Council at the Hill & Levene Schools of Business, University of Regina.

Thomas was recently featured from in *The Globe and Mail's Report on Business Magazine* as a Top 50 Changemakers in Canada, served as the 2019/20 United Way "Community Champion", the recipient of the Crowning Achievement Young Alumni Award from the University of Regina (2017), recognized by CBC's "Future 40"(2013), the Red Cross' "Young Humanitarian of the Year"(2009), and a "Top Performer" Convention Winner which recognizes the top 1% of RBC employees (2015).

Thomas was also recognized as a ***Top 10 Most Influential Economic Developers*** by Treaty 4 News, a feature that profiles business leaders, job creators and entrepreneurs who have made a valuable contribution to improving the lives of Indigenous people through business and have helped keep Saskatchewan's economy vibrant and strong.

Stephen Isaacs, Program Director, Marshall Canada

Stephen joined Marshall Canada in January 2019 as the Land Systems Program Director and Business Lead. Prior to that, Stephen spent 14 years in the Defence Industry with General Dynamics Mission Systems – Canada in various roles from Engineering to Program Management.

In his 3 and half years at Marshall, Stephen has led a multi-functional team delivering new capabilities and broadening the market in Canada by identifying new opportunities and developing strategic partnerships across the industry. A major point of focus has also been the development a new Production and Integration Facility to enable better access to the Canadian market.

Stephen has a Bachelor of Applied Science from Queen's University and a Masters in Business from the University of Ottawa.

Philip Ducharme, Director Innovation & Entrepreneurship, Canadian Council for Aboriginal Business (CCAB)

Philip Ducharme is currently the Vice President of Entrepreneurship & Procurement at the Canadian Council for Aboriginal Business. In his role he is responsible for leading Supply Change™, CCAB's Aboriginal Procurement Strategy and the Tools and Financing for Aboriginal Business (TFAB) program.

In the last 25 years, Philip has held several senior roles with various Indigenous organizations across Canada in a variety of sectors including business, health, education, employment and awards and recognition. Philip currently participates as a member of the Supplier Stakeholder Network, Procurement Assistance Canada – Ontario region as well as being a member of the Centre for Canadian Nuclear Sustainability (CCNS) Indigenous advisory council.

Philip graduated from the University of Regina in Business Administration.

Philip Ducharme is a proud Métis with all eight of his Great-Grandparents attached to Métis Scrip applications and is a member of the Manitoba Métis Federation.

THURSDAY NOVEMBER 17, 2022
EVENT PROGRAMMING – SCRIPT

Jim Merson – Planatir Presentation

Lieutenant-General Alain Pelletier – Keynote

Lieutenant-General Alain Pelletier is the Deputy Commander North American Aerospace Defense Command (NORAD), Peterson Air Force Base, Colorado Springs, CO.

In 1978, Lieutenant-General Alain Pelletier joined the Air Cadets unit of La Pocatière, Québec where he earned his glider and private pilot license.

Lieutenant-General Pelletier joined the Canadian Armed Forces in 1983 as a student pilot. After graduating from Royal Military College of Kingston where he obtained his Bachelor of Science in Mechanical Engineering, he proceeded with pilot training and received his wings in 1989. He was then selected to fly the CF-18 fighter aircraft.

Lieutenant-General Pelletier carried out four tours of operational flying and instructional training on the CF-18 at 433, 410 and 425 Tactical Fighter Squadrons. He participated in two tours of duty in the Balkans theatre, the second one saw him employed as part of Operation Allied Force, where he took part in combat missions.

Lieutenant-General Pelletier has had a number of assignments at the strategic level as the Executive Assistant to the Assistant Chief of Air Staff, and to the Chief of Air Staff; as section head for air requirements for fighters and trainers, as the Director of Air Requirements, and as Chief Fighter Capability Program in National Defence Headquarters.

He has held a number of command positions: Commander of 425 Tactical Fighter Squadron, Commander of 3 Wing Bagotville, Québec, Commander of Task Force Libeccio, the Canadian Air Component to NATO's Operation Unified Protector over Libya. He also was the Deputy Commander Continental U.S. NORAD Region based at Tyndall AFB, Florida, where he was responsible for the Continental U.S. daily air defense readiness in addition to the defense of the U.S. National Capital Region.

In 2016 he deployed in support of U.S. Air Force Central (AFCENT) Command as the Combined Air Operations Center Director responsible for the daily air tasking orders of AFCENT's area of responsibility including Operation Inherent Resolve in Iraq and Syria.

Lieutenant-General Pelletier was appointed Commander 1 Canadian Air Division/Canadian NORAD Region in 2019. In July 2020 he assumed his role as Deputy Commander NORAD.

Lieutenant-General Pelletier is a distinguished graduate of the United States Air Force Air War College where he received a Master of Strategic Studies. He is also a graduate of the Canadian Fighter Weapons Instructor Course (FWIC) and has over 3,000 hours of flying time, of which over 2,500 hours are in the CF-18. His interest in running and physical health had him nominated as the Canadian Forces patron for the sport of running in 2010 and appointed as Commander of Joint Task Force Nijmegen in 2014.

Next Generation Aerospace Panel

Peter Studer

In January 2012, Peter retired from the Public Service of Canada after a 31-year career and opened Harte Studer Business Development Limited, which contracts the majority of its time to CFN Consultants, Canada's premier aerospace and defence consultancy. At CFN, Peter provided clients with advice, information and exposure to the Canadian market in the areas of government procurement, industrial and regional benefits (offsets) and Canadian industrial capacity. Peter's goal was to enable clients to successfully assess, penetrate and exploit the Canadian market as a direct supplier to government and/or industry, or as a partner with government, industry and academia. Peter was invited to become a CFN Partner in June 2021, and became a Senior Partner in October 2022.

In addition to his work with CFN, Peter was asked in December 2016 to join the Advisory Board of the "Best Defence Conference", and in January 2017, New Zealand Trade and Enterprise (NZTE) selected Peter to be the first Canadian member of NZTE's Beachhead International Advisor Program. Peter was invited to become a member of the inaugural Advisory Committee for the Waterloo Institute of Sustainable Aviation in July 2021.

**François Dufault, Key Account Manager – Defence,
Airbus Defence Canada Ltd.**

François spent a 24 year career as a helicopter pilot in the RCAF where he flew the CH146 Griffon helicopter and deployed with 430 Tactical Helicopter Squadron. He served multiple staff tours in the Directorate of Air Requirements in the Air Staff as the Project Director responsible for the portfolio of Tactical Aviation projects. Frank retired in 2018 at the rank of Lieutenant-Colonel and has since worked in the aerospace and defence industry. He joined Airbus Helicopters Canada in 2021 as Key Account Manager, Defence.

François is a graduate of the Royal Military College with an undergraduate degree in civil engineering, the University of Ottawa with a Master's of Engineering Management, and the Australian National University with a Master's of Military and Defence Studies. He is also a graduate of the RCAF Aerospace System Course and the Australian Command and Staff College. He is a certified Project Management Professional (PMP) with the Project Management Institute (PMI). François and his spouse live in Ottawa with their two teenage boys.

**Michel Lalumiere, International Strategic
Development Director, General Atomics Aeronautical
Systems Inc**

Michel Lalumiere manages International Strategic Development for Canada, at General Atomics

Aeronautical Systems Inc. Lalumiere joined GA-ASI after 36 years of distinguished service in the Canadian Armed Forces. He led the Defence Space Program and Operations in the CAF, led the procurement efforts in the Royal Canadian Air Force, and served as the Chief Fighter Capability in RCAF, retiring at the rank of Major-General.

Active in the Canadian Defence and Security community, Innovation and industrial sectors, Mr. Lalumiere is a committed advocate for innovation in institutions, as well as within professions.

Mr. Lalumiere served in numerous operations across Canada from east to west, south to the very far north, as well as in Europe and in Afghanistan.

Mr. Lalumiere holds a bachelor's degree in Computer Engineering, is a Graduate of the National Security Program in Toronto, as well as Capstone Program Warfare studies, Washington, D.C.

Alex Tsoulis, Director, Business Development & Advanced Manufacturing, MHI Canada Aerospace Inc.

Over 30 years of experience with McDonnell Douglas, Boeing, and Mitsubishi Heavy Industries Canada Aerospace (MHICA).

Extensive experience in the design and development of commercial aircraft (regional jet through wide body), military aircraft (transport, helicopter, fighter) and business jet (light to heavy) platforms.

Involved in initial concepts, product implementation and product / fleet support. Covering life cycle technical, quality, schedule and cost activities in an Integrated Product Team (IPT) environment.

Large emphasis on advanced design, advanced manufacturing technology, global collaboration and business development.

Considerable long-term interaction with government, university, research and industry organizations.

Alex Tsoulis graduated with a Bachelor of Technology Degree in Mechanical Engineering, and Diploma in Aerospace Engineering Technology from Ryerson University.

Simon Page, Assistant Deputy Minister / Defence and Marine Procurement Branch Public Services and Procurement Canada / Government of Canada.

Rear-Admiral Page enrolled in the Canadian Forces in 1984 as a Maritime Engineer and graduated from RMC in 1989 with a Bachelor in Computer Engineering. On completion of his initial combat systems engineering training, he achieved his Head of Department qualification onboard HMCS NIPIGON in July 1992.

He then commenced a four-year tour within the Canadian Forces Naval Engineering School as a combat system engineering instructor before joining HMCS ATHABASKAN as the Combat Systems Engineering Officer.

Rear-Admiral Page then worked as the Division Commander for the Officer Training Division of the Naval Engineering School and the Combat Systems Engineering Officer of Sea Training Atlantic. In 2004, he moved to the Chief of the Maritime Staff organization as a HALIFAX Class Modernization Project Director. One year later, he completed the Command and Staff Course and a Master in Defence Studies at the Canadian Forces College in Toronto.

After two years in the MEPM Division as the Materiel Acquisition and Support Section Head, in June 2008, he was appointed Commandant of the Canadian Forces Naval Engineering School in Halifax. On completion of this Command tour, he then returned to Toronto and completed the National Security Program at the Canadian Forces College. Upon graduation in June 2011, he assumed the duties and responsibilities of the Director Maritime Training and Education, which was followed by his return to DGMEPM as Chief of Staff. In July 2015, after promotion to Commodore, he commenced a three-year tour as DGMEPM. In 2018, he was posted to the position of Chief of Staff Operations in the Military Personnel Command organization. On June 21, 2019, now back in the Materiel Group, RAdm Page assumed the duties of Officer Commanding the Command and Deputy Chief of Staff Materiel. After 35.5 years of service, Rear-Admiral Page retired in December 2019 and, as a civilian, assumed the duties of Associate Assistant Deputy Minister(Materiel) in the Department of National Defence. On March 1, 2021 he joined Public

Services and Procurement Canada as Assistant Deputy Minister, Defence and Marine Procurement.

CCX Technologies Techshowcase Pitch

KA Imaging Techshowcase Pitch

Technology Fast Forward Panel

John de Boer, Sr Director, Government Affairs & Public Policy, BlackBerry

John de Boer is currently Senior Director of Government Affairs and Public Policy at BlackBerry Ltd., where he leads BlackBerry's government relations efforts in Canada.

Prior to joining BlackBerry, John served as a Senior Policy Advisor at the United Nations; as Team Leader on the Afghanistan Task Force at the Canadian International Development Agency; as Program Leader of Governance, Security and Justice at Canada's International Development Research Centre; and as Principal at the SecDev Group - a digital risk consultancy firm.

John has a Ph.D. in Area Studies from the University of Tokyo. He was a post-doctoral fellow at Stanford University, a visiting lecturer at University of California at Berkeley, and an affiliated expert at Harvard University's Humanitarian Initiative. John has published three books and hundreds of scholarly articles on issues including urban fragility,

international security, organized crime, conflict prevention and cybersecurity. John is a frequent speaker at international events and an advisor to G7 governments, the OECD, the United Nations and the World Bank, among others.

Colonel Allan Ferriss, Director of Air Domain Development (DADD), Royal Canadian Air Force

Colonel Allan Ferriss joined the Canadian Forces in 1997 as a Naval Communications and Information Operator (NCI Op). In 1999, he transferred to the Regular Force to attend the Royal Military College of Canada and graduated in 2003 with a degree in Electrical Engineering.

After completing Communications and Electronic Engineering (CELE) Officer training, Col Ferriss was posted to the Canadian Forces Joint Signal Regiment (CFJSR) in Kingston. In four years at the CFJSR, he held a variety of positions including the Training Officer, the Technical Maintenance Officer, Afghanistan Desk Officer and the Deputy Regimental Operations Officer. In 2007, Col Ferriss deployed to Camp Mirage and Kandahar as the CFJSR project lead for the Transportable Local Area Network (Unclassified) (TLAN(U)) upgrade project where he led a team overseas to upgrade and migrate the TLAN(U) system. He deployed again in 2009 as a United Nations Military Observer (UNMO) in support of OP SAFARI (Sudan) and played a pivotal role as the UNMO Sector Operations Officer in the contingency planning for the Abyei Border Commission decision in August

2009. Upon returning to Canada, he was posted to the Canadian Forces School of Communications and Electronics (CFSCE) as the Adjutant and in June 2010, he assumed the position of Officer Commanding Support Squadron, CFSCE.

After command, Col Ferriss was afforded the opportunity to return to RMC to complete his Masters of Business Administration (MBA) and the Joint Command & Staff Programme (JCSP) in Toronto. In 2014, he assumed Command of 8 Air Communications and Control Squadron and oversaw the transition of the unit from 8 Wing to 2 Wing. In 2016, he was posted to Ottawa as Executive Assistant to COS(IM) and shortly thereafter, promoted to LCol and transitioned into the role of Director Information Management Project Planning and Control, followed by two years at the Royal Canadian Air Force Aerospace Warfare Centre in Trenton. In Jan 2019 he was deployed on Op PRESENCE (Mali) as the Operations Officer. Upon his return to Canada, Col Ferriss was posted as Commanding Officer of 77 Line Regiment. In 2021, Col Ferriss was promoted to his current rank and serves as Director Air Domain Development (DADD) within the RCAF HQ.

Col Ferriss holds Professional Engineers of Ontario (P. Eng) and Project Management Professional (PMP) designations. He currently lives in Belleville, ON with his wife Janeen and two children Lauren (15) and Nathan (12).

Derek Dobson, Defence, Intelligence & Federal Public Safety Leader, Microsoft Canada

Derek is Microsoft's sector leader for defence, intelligence and public safety in Canada. He has 30 years of international in the defence, national security and technology industries having served as an officer in the British Army and the Canadian Armed Forces, and also as the global defence leader for Ernst & Young. Derek holds master's degrees from the University of Edinburgh and the Open University. He is also a graduate of the Royal Military Academy Sandhurst, the UK Defence Academy and the United States Marine Corps University. Derek was inducted into the Order of the British Empire for services to defence digitization and received the Canadian Chief of the Defence Staff's commendation for advances in data analytics.

Sonny Sarkar, Air & Space Lead, Palantir

Currently serving as Palantir's Air & Space Lead in addition to other key areas for global strategic development, growth and partnership. Sonny has over 25 years of experience successfully leading numerous deliveries of complex and technical solutions across the U.S. Government, industry, and international partners.

At Palantir, Sonny continues this journey in helping large (institutional) enterprise organizations unify across verticals through digital transformation enabled

by Palantir products to achieve and maintain mission and business superiority.

He is also a former military officer with significant acquisition and portfolio management experience across rapid fielding to enduring programs. Sonny is a graduate of the United States Air Force Academy and the George Washington University.

Vera Reifenstein, Director, Sales & Marketing Canada, Saab Canada

Implications of the Ukraine Conflict for Canadian Defence & Security

Dr. David Perry

Dr. David Perry is Vice President and Senior Analyst with the Canadian Global Affairs Institute and the host of the Defence Deconstructed podcast. He is the author of multiple publications on Canadian defence policy with a focus on defence budgeting and procurement. He received his PhD in political science from Carleton University where his dissertation examined the link between defence budgeting and defence procurement. He is an adjunct professor at the Centre for Military and Strategic Studies at the University of Calgary, a research fellow of the Centre for the Study of Security and Development at Dalhousie University and a columnist for the *Canadian Naval Review*. A frequent media commentator, *Embassy Magazine* and *The Hill Times* named him one of the “Top 100 Influencing Canadian Foreign Policy” in 2014.

