Day I - 21. September - morning

9:00 - 9:15
Opening

N100 Opening

Odessa Primus, Executive Director, Global Arena Research Institute
Michal Koran, Founder, Global Arena Research Institute
Ann Fitz-Gerald, Director, Balsillie School of International Affairs
Paul Samson, President, Center for International Governance Innovation

9:15 - 9:45
Spotlight

Tech and the global order now and in 2050: possible paths

Jim Balsillie
Founder, Centre for International Governance Innovation (CIGI), former Chairman and co-CEO of Research In Motion (BlackBerry), founder of Balsillie School of International Affairs, co-founder of the Council of Canadian Innovators and CIO Strategy Council.

9:45 - 10:30
One-on-One

CERN for Climate Change | Destination Earth

Tim Palmer & Peter Bauer

Tim Palmer, Royal Society research professor in climate physics, University of Oxford, Pioneered probabilistic ensemble forecasting techniques for weather & climate prediction. He now calls for a "CERN for Climate Change".

Peter Bauer (virt), Director of Destination Earth
DestinE Is developing a global scale highly accurate digital model of the Earth to monitor and predict the interaction between natural phenomena and human activities

The presentations will be followed by a discussion, an exploration of our capabilities to understand and mitigate climate change.

10:30 - 11:00
Spotlight

Social Robotics

Theresa Kushner

Head of North America Innovation Center (NTT Data), Data-vangelist
The changing relationship between humans and machines and what it could mean for the social fabric of societies

11:00 - 11:30   Break

11:30 - 13:00   **Discussion Roundtables**   See next page for details on each session   **Room**

Destination Earth   TBC

Peter Bauer (virt), Tim Palmer (virt), Frederick Bordry, Adam Pease, Odessa Primus, Paul Samson

Changing Social Fabric   TBC

Jeffrey Saunders, Michael Lawrence, Edward Wilson-Smythe

Governance, ethics, & future of technology   TBC

Boy Fay, Claudia May del Pozo, Tony Curzon Price (virt), Andrew Thompson, Theresa Kushner, Nestor Maslej

Weaponization of Trade   TBC

Dan Ciuriak, Patricia Goff, Michal Koran

Disruptive Technologies and Defense   TBC

David Welch, Ann-Fitz-Gerald, Trevor McCrisken (virt), Daniel Araya, Shmuel Bar

13:00 - 14:45   Lunch

Discussing a topic in detail with clear positions, suggestions, application possibilities, and strategic or structural designs for a topic solution or illumination. N100 Roundtables are the core of the program.
3-6 N100 speakers along with N100 guests discuss the topic as a group with anyone able to contribute.

11:30 - 13:00

Room

Destination Earth

Peter Bauer (virt), Tim Palmer (virt), Frederick Bordry, Adam Pease, Paul Samson, Odessa Primus

TBC

An exploration of our capabilities to understand and mitigate climate change. DestinE is developing a global scale, highly accurate digital model of the Earth to monitor and predict the interaction between natural phenomena and human activities. Key to predicting the effects and building resilience to climate change. Joined by Frederick Bordry, scientific advisor to start-ups using particle accelerators, and former director of CERN, and Adam Pease, with advanced expertise of managing complex data sets and building ontologies.

Changing Social Fabric

Jeffrey Saunders, Michael Lawrence, Edward Wilson-Smyth

TBC

Over the past several decades, families have grown smaller, and people are living longer. Many people in high, middle, and low-income countries have become more prosperous than ever. Yet, the social fabric in many countries is changing and, in some cases, fraying. This roundtable will discuss various topics like aging, changes in labor market participation, housing costs and inflation but also more subtle topics like anxiety, and stress that are at an all-time high, tribalization and other features of nowadays society, linked often to the digital and technological transformation of our daily lives. This roundtable will discuss ways in which societies can become more resilient in the face of societal disruption and "win back" the trust of their citizenry.

Governance, ethics, & future of technology

Boy Fay, Claudia May del Pozo, Tony Curzon Price (virt), Andrew Thompson, Theresa Kushner, Nestor Maslej

TBC

"Trust", or lack thereof, has been a recurring theme during the preparatory N100 online roundtables as one of the key features of the digitilized society. The general tenor is that it is technology, innovation and digitalization of everyday life that that contributes to the new social pathologies. This roundtable will look both at the possible root causes of the interplay between technology, society and governance but will also try to bring a more tech-positive perspective, while keeping the big future trends on the discussion table.

Weaponization of Trade

Dan Ciuriak, Patricia Goff, Michal Koran

TBC

While there is a general consensus that global trade and its future is not what it used to be a decade ago, it is less clear whether the world of politics is undergoing such a massive transformation as to suggest that existing trade dependencies are already strategically utilized as a blunt tool of power. Which way the wheel of history will turn, though, is a critical question for the future of global order: if trade dependencies and related vulnerabilities present an opportunity to leverage potential global adversaries, what does it mean for the global politics? Is there a way of preserving a liberal global trade narrative under the circumstances of multifaceted opposing forces that render liberal global trade less as an opportunity and more as a source of vulnerability? What future of global trade regime do we envision and how to get there? Last, but not least, how do the world's economies see this issue and what are the differences?

Disruptive Technologies and Defense

David Welch, Ann-Fitz-Gerald, Trevor McCrisken (virt), Daniel Araya (CIGI)

TBC

Technological supremacy has been historically one of the key factors for military supremacy. The trend in recent years is a growing complexity of intertwining of civil and defence technologies (dual use). Since February 2021, NATO came up with a new guide with disruptive technologies, such as AI, Quantum, advanced manufacturing or biotech in mind. This roundtable will discuss the potential futures of defense technologies, what are the relative positions of (emerging) world powers, and what the tech race means for global stability and security.

Day I - 21. September - afternoon

13:00 - 14:45   **Lunch**

14:45 - 15:30
Trio

Taming the Black Swan in Times of Irrationality

Edward Wilson-Smythe
Director of Digital Innovation and Transformation at AlixPartners

Michal Koran
Founder, Global Arena Research Institute

Jeffrey Saunders
Founder & CEO, Nordic Foresight

15:30 - 16:00
Spotlight

Taming Digital Volatility: Using Logic for Mutual Understanding

Adam Pease
CEO & principal consultant, Articulate Software

How to we use mathematical logic to make sure that people and computers are saying what they mean and meaning what they say. But, I promise, no formulas!

16:00 - 16:10   **Mini Break**

16:10 - 17:00
Global Barroom
- CIGI Foyer -

Global Barroom

All Speakers & Guests
Global barroom of knowledge and idea development. Grab a beer, wine or soft drink and journey through the N100 program areas with our distinguished speakers. Purpose is to promote interdisciplinarity on questions in the program and explore possible opportunities and futures. N100 speakers will shepherd you through.

Taming Volatility	Globally Unchained	Keeping the Lights ON	Geopolitics & Defense

17:00 - 17:15   **Mini Break**

17:15 - 18:00
Trio

Technology, Trust & Governance and Human Rights

Nestor Maslej
Stanford Institute for Human Centric AI, AI Index Report 2022

Claudia May Del Pozo
Executive Director, C Minds Eon Resilience Lab

Andrew Thompson
Balsillie School of International Affairs

18:00 - 18:10
Closing

Closing

Odessa Primus & Michal Koran, GARI
Ann Fitzgerald & Andrew Thompson, BSIA

9:00 - 9:45 Morning Reflections	**Morning Reflections from Day I** **Andrew Thompson** Balsillie School of International Affairs, CIGI **Select speakers from Day I**
10:00 - 10:15 Opening	**Opening of Day II** Odessa Primus & Michal Koran, GARI
10:15 - 10:45 Spotlight	**Digital Twin of the Globalised World - GARI** **Michal Koran** Founder, Global Arena Research Institute Leveraging Big Data & AI to understand and project global processes
10:45 - 11:30 Trio	**War and Security in the Digital Age** **David Welch** Research Chair, University of Waterloo **Ann Fitz-Gerald** Director, Balsillie School of International Affairs **TBC** How has it changed and where is it heading? What can we look forward to?

11:30 - 12:00   Break

12:00 - 13:30	**Discussion Roundtables** See next page for details on each session	**Room**
	Trends & Common Misconceptions in AI, & | AI for Reasoning Josef Urban, Tomas Mikolov (virt), Nestor Maslej, Theresa Kushner, Adam Pease, Daniel Araya, Claudia May Del Pozo, Odessa Primus	**TBC**
	The Next Black Swan? Building Resilience David Welch, Jeffrey Saunders, Edward Wilson Smythe, Dan Ciuriak, Michal Koran	**TBC**
	Disruptive technologies in energy and the green transition Tim Palmer (virt), Jatin Nathwani, Frederick Bordry, Ann Fitz-Gerald	**TBC**

13:30 - 15:00   Lunch

Discussing a topic in detail with clear positions, suggestions, application possibilities, and strategic or structural designs for a topic solution or illumination. N100 Roundtables are the core of the program.
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12:00 - 13:30   Room

Trends in AI & Common misconceptions in AI, AI for Reasoning

Josef Urban, Tomas Mikolov (virt), Nestor Maslej, Theresa Kushner, Adam Pease, Daniel Araya, Claudia May Del Pozo   **TBC**

This roundtable will focus on the most recent advances in the field of AI reasoning, one of the key areas for AI-assisted processing and understanding of natural language in a complex environment, thus, leading to large-scale problem-solving and decision-making assistance. This roundtable will discuss news trends, obstacles, and goals of AI-reasoning research, its implication for decision-making across various socio-economic fields, but also on popular misconceptions when it comes to AI and its role in the future of humanity.

The Next Black Swan? Building Resilience

David Welch, Jeffrey Saunders, Edward Wilson Smythe, Dan Ciuriak   **TBC**

The Next Black Swan? (forecasting, building resilience, scenarios, risk management capacity, innovation capacity, tools, radar - awareness, past (true/false) "Black Swans")

"Black Swans" and perhaps "Grey Rhinos" quickly became part of everyday's vocabulary of the political wonks. This roundtable will, first, take a closer look at what do we actually mean - or should mean - by the "black swan" events. Second, the roundtable will dive deep into the question, whether the marriage of big-data, AI-driven analytics and human-centered scenario and forecasting techniques can bring a more responsive tactics to deal with unexpected unknowns, thus contributing to a more solid resilience of institutions, businesses and society as a whole.

Disruptive technologies in energy and the green transition

Tim Palmer (virt), Jatin Nathwani, Frederick Bordry   **TBC**

What are the transformative technologies and solutions when it comes to the green transition? What are the most promising fields of innovation, what is the low-hanging fruit and what should be our ambitions? Also, the round table will reflect the unavoidable - and often negative - social impact on those regions and societies that are more vulnerable and less prepared for the complex socio-economic transformation that both green and digital transition brings about. The roundtable will - among others - cover the governmental and business perspectives and their struggle to reconcile the short-term need for affordable energy with longer-term need to transition to renewal sources of energy.

13:30 - 15:00   Lunch

Day II - 22. September - afternoon

13:30 - 15:00   **Lunch**

15:00 - 15:45

Trio

Disruptive technologies in supply chains and trade

Dan Ciuriak
CIGI Fellow, Consulting Economist specializing in International Trade, Finance and Development with Ciuriak Consulting, previously deputy chief economist at the Department of Foreign Affairs and International Trade (now Global Affairs Canada)

Paul Samson
President of the Center for International Governance Innovation (CIGI)

Michal Koran
Founder, Global Arena Research Institute

15:45 - 16:15

Spotlight

Future of Energy & Physics

Frederick Bordry
Scientific Advisor, Former Director of CERN

Scientific Advisor to various start-ups and projects using particle accelerators. Recently SLAC National Accelerator Laboratory, operated by Stanford University, USA.

16:15 - 16:30

Closing

Closing

Odessa Primus, Michal Koran & Ann Fitz-Gerald

Speakers

Daniel Araya
CIGI senior fellow, a senior partner with the World Legal Summit, and a consultant and an adviser with a special interest in artificial intelligence, technology policy and governance. At CIGI, his work contributes to research on autonomous systems in global governance and looks specifically at the best ways to mitigate the negative effects of the widespread deployment of new technologies. Daniel is a regular contributor to various media outlets and organizations such as Forbes, the Brookings Institution, Futurism and Singularity Hub. He has been invited to speak at a number of universities and research centres, including the US Naval Postgraduate School and Harvard University.

Jim Balsillie
Jim Balsillie's career is unique in Canadian business. He is a former Chairman and co-CEO of Research In Motion (BlackBerry), a Canadian technology company he scaled from an idea to $20 billion in sales globally. He is the co-founder of the Institute for New Economic Thinking, the Council of Canadian Innovators (CCI), the Centre for International Governance Innovation (CIGI) and the CIO Strategy Council. He currently chairs the boards of CCI and CIGI and a co-Chair of CIOSC. He is the founder of the Balsillie School of International Affairs, Arctic Research Foundation and the Centre for Digital Rights. He is a member of the Global Advisory Board of the Stockholm Resilience Centre and an Honorary Captain of the Royal Canadian Navy.

Mr. Balsillie was the only Canadian ever appointed to US Business Council and the sole private sector representative on the UN Secretary General's High Panel for Sustainability. He is the only Canadian member of the US Council on Competitiveness and an internationally renowned voice on innovation strategy, competitiveness and international economic policy. He testified to the US Senate on America Innovates Act, a landmark legislation for management of intellectual property.

Mr. Balsillie holds degrees in a Bachelor of Commerce from University of Toronto, an MBA from Harvard Business School and is a fellow with Institute of Chartered Accountants of Ontario.

His awards include: several honorary degrees, Mobile World Congress Lifetime Achievement Award, India's Priyadarshni Academy Global Award, GSMA Lifetime Achievement Award, Canadian Business Hall of Fame, Time Magazine's World's 100 Most Influential People and three times Barron's list of "World's Top CEOs."

Peter Bauer
Peter Bauer is the Director of Destination Earth at ECMWF and responsible for implementing ECMWF's contribution to this European Commission-funded flagship action. This responsibility requires a strong engagement with the European Space Agency and with wider stakeholder communities from academia, national research centres and meteorological-hydrological services across the EU. Peter began as a scientist for the ECMWF, then becoming Heads of divisions for a number of years before becoming Director in January of 2022. Peter has a Master's degree in meteorology from the University of Cologne, Germany, and a Doctorate degree in meteorology from the University of Hamburg, Germany.

Frederick Bordry
Frederick Bordry served as the director for Accelerators and Technology at CERN until December 2020. He is an electrical engineer who has spent years teaching and conducting energy conversion research. Bordry came to CERN in 1986, joining the group working on power converters for the Large Electron-Positron Collider (LEP). In 2009, Bordry was promoted to Head of the CERN Technology Department - responsible for technologies specific to existing particle accelerators, facilities and future projects – where he remained until 2013. From 2014 he acted as the Director for Accelerators and Technology, where he is responsible for the operation and exploitation of the whole CERN accelerator complex, with particular emphasis on the LHC and for the development of new projects and technologies.

Dan Ciuriak
Senior fellow at CIGI, where he is exploring the interface between Canada's domestic innovation and international trade and investment, including the development of better metrics to assess the impact of Canada's trade agreements on innovation outcomes. Based in Ottawa, Dan is the director and principal of Ciuriak Consulting, Inc.

Dan is also a fellow in residence with the C. D. Howe Institute, a distinguished fellow with the Asia Pacific Foundation of Canada and an associate with BKP Economic Advisors GmbH of Munich, Germany. Previously, he had a 31-year career with Canada's civil service, retiring as deputy chief economist at the Department of Foreign Affairs and International Trade (now Global Affairs Canada).

Bob Fay

Robert (Bob) Fay is the managing director of digital economy at CIGI. He is also a member of the 2020–2021 Information and Privacy Commissioner of Ontario (IPC) Ad Hoc Strategic Advisory Committee, providing feedback on the priorities the IPC will focus on over the next five years. Prior to joining CIGI, Bob held several senior roles at the Bank of Canada (BoC), most recently as senior director overseeing work to assess developments and implications arising from the digitization of the Canadian economy. He has also led the BoC's Canadian short-term forecasting team and set up and led its first research division related to structural analysis, focusing on labor markets, productivity and exchange rate analysis. Bob was also special assistant to BoC Governor Mark Carney, serving as the governor's chief of staff.

Ann Fitz-Gerald

Ann Fitz-Gerald is the Director of the Balsillie School of International Affairs and a Professor in Wilfrid Laurier University's Political Science Department. She has worked at both at King's College, London University's International Policy Institute, and at Cranfield University, where she was the Director, Defence and Security Leadership.

Ann is widely published on issues concerning conflict, national security and security sector governance. She holds Visiting Professor at other universities including Nkumba University (Uganda), Jimma University (Ethiopia), Njala University (Sierra Leone) and Queen's University (Canada). Ann has advised, and has been seconded to work with, a number of countries on issues relating to national security policy/strategy issues including Ukraine, Lebanon, Canada, Ethiopia, Afghanistan, Nepal, Botswana, Jamaica, Indonesia, Sierra Leone, Albania, Montenegro and Nigeria. She has also supported internationally sponsored peace talks including support to the AU High Implementation Panel during the post-referendum peace talks between North and South Sudan.

Patricia Goff

Patricia Goff is an associate professor of Political Science at Wilfrid Laurier University. Prior to joining Laurier, she taught in the Political Science Department at the University of Utah (2000-2003). She has held visiting positions at School of International Relations at the University of Southern California and at the Graduate Institute of International and Development Studies in Geneva. She is interested in international political economy, international relations theory, and international organizations. Within international political economy, she focuses on the politics of trade and researches the intersection of cultural claims with the economic mandates of international organizations.

Florian Kerschbaum

Associate professor in the David R. Cheriton School of Computer Science at the University of Waterloo (since 2017), a member of the CrySP group, and NSERC/RBC chair in data security (since 2019). Before he worked as chief research expert at SAP in Karlsruhe (2005 – 2016) and as a software architect at Arxan Technologies in San Francisco (2002 – 2004). Florian holds a Ph.D. in computer science from the Karlsruhe Institute of Technology (2010) and a master's degree from Purdue University (2001). He served as the inaugural director of the Waterloo Cybersecurity and Privacy Institute (2018 – 2021). An ACM Distinguished Scientist (2019) and a winner of the Outstanding Young Computer Science Researcher Award from CS-Can/Info-Can (2019). Interested in security and privacy in the entire data science lifecycle. Florian extends real-world systems with cryptographic security mechanisms to achieve (some) provable security guarantees. His work is used in several business applications.

Michal Koran

Michal Kořan is the President of the Board and founder of the Global Arena Research Institute an Assistant Professor at the Faculty of Social Sciences, Masaryk University in Brno. In 2017 and 2018, he has served as a Deputy Executive Director of the Aspen Institute Central Europe. Until June 2017, he was a Senior Research Fellow at the Institute of International Relations based in Prague (Czech Republic) where he previously acted as a Deputy Director (2013 – 2016) and a Head of Research (2009 – 2013). In 2012, he was a Fulbright Visiting Scholar at the Weatherhead Center for International Affairs at Harvard University. In 2007 – 2017, he was the lead-author of an annual book analyzing Czech foreign policy and founder and programme chair of an annual International Symposium Czech Foreign Policy. In 2013 – 2014 he was a vice-chairman of the Program Council of the Czech-Polish Forum. He was, among others, a national co-coordinator of the Think Visegrad platform, a main coordinator of the Strategic Grant of the International Visegrad Fund The Visegrad Group in the Post-Lisbon EU: Getting Closer to Move Further as well as the strategic IVF grant V4 CARE ARSEC.

Theresa Kushner

Theresa Kushner is the Head of the North American Innovation Center for NTT DATA Services. For over 25 years she has led companies - like IBM, Cisco Systems, VMware, Dell/EMC, and NTT DATA - in recognizing, managing, and using information and data. Using her expertise in journalism, she co-authored two books on data and its use in business. Theresa has a Master's in journalism from the University of North Texas which she has turned into a career in technology.

Michael Lawrence

Dr. Michael Lawrence uses complexity science to understand the coevolution of conflict, violence, and social structure, and through this work he has developed expertise on global governance, societal collapse, the psychology of dehumanization, transnational organized crime, and peacebuilding. Michael Lawrence is a Post-Doctoral Researcher at the Cascade Institute (CI) at Royal Roads University, where he leads the Complexity Education for Action project, which integrates complexity thinking into multiple levels of education to better address the global challenges of the twenty-first century. He has published several CI policy briefs on COVID-19 recovery in relation to a Green New Deal, global inequality, and the risks of economic depression.

Nestor Maslej

Nestor Maslej is a Research Associate at Stanford's Institute for Human-Centered Artificial Intelligence (HAI). In this position, he uses a combination of quantitative and qualitative methodologies to conduct research for the AI Index and Global AI Vibrancy Tool. Nestor also leads research projects that study AI in the context of technical advancement, ethical concerns and policymaking. In developing tools that track the advancement of AI, Nestor hopes to make the AI space more accessible to both policymakers and citizens. His work is also oriented towards building knowledge about AI in a way that facilitates more productive dialogues surrounding its future and can lead to its development in ethically responsible ways.

Prior to joining HAI, Nestor worked in Toronto as an analyst in several startups. He graduated from the University of Oxford in 2021 with an MPhil in Comparative Government, where he used machine learning methodologies to study the Canadian Indian Residential schooling system and Harvard College in 2017 with an A.B. in Social Studies.

Trevor McCrisken

Associate Professor in US Foreign Policy, US Politics & Culture at the University of Warwick. His main research currently focuses on the narratives being constructed around the use of Unmanned Aerial Vehicles (UAVs), commonly known as drones, and their use for targeted killing.

Tomas Mikolov

Internationally recognized capacity in artificial intelligence research, who has worked to improve the Google translator, among other things. His arrival at CIIRC ČVUT was also possible thanks to the project of the new RICAIP center, by which CIIRC ČVUT, together with partners from the Czech Republic and Germany, wants to strengthen its role in the European field of artificial intelligence and robotics research for advanced industry. Tomáš Mikolov is known to the scientific community and the general public mainly for his leap improvement in the functioning of language recognition and processing applications, such as the Google machine translator. He succeeded in creating new models of neural networks that significantly surpassed previous approaches to language modeling. The improvements that have taken place in the field of natural language processing have been the greatest in the last few decades. At the beginning of 2019, he won the Neuron Award for Significant Discovery in Computer Science.

Jatin Nathwani

Professor Jatin Nathwani is the founding Executive Director, Waterloo Institute for Sustainable Energy (WISE) at the University of Waterloo. As the inaugural Ontario Research Chair in Public Policy for Sustainable Energy (2007-2020), he has led research initiatives on accelerating energy transitions for a zero-carbon economy through systems assessments of technology, financing strategies, risk management and public policy. He also co-Directs with Prof Joachim Knebel (Karlsruhe Institute of Technology, Germany) the Global Change Initiative – Affordable Energy for Humanity (AE4H). The consortium comprises 150+ leading STEM and social science researchers, energy access thought leaders and practitioners from 50 institutions in 30 countries committed to eradicating energy poverty by 2030. His organization, WISE, aims to foster research and development for clean energy solutions that remain accessible and affordable for all. Professor Nathwani has also worked in a leadership capacity in the Canadian energy sector for 30 years.

Tim Palmer

Tim Palmer is a Royal Society Research Professor in Climate Physics, and a Senior Fellow at the Oxford Martin Institute. He was involved in the first five IPCC assessment reports and was co-chair of the international scientific steering group of the World Climate Research Programme project (CLIVAR) on climate variability and predictability. For a large part of his career Tim has developed ensemble methods for predicting uncertainty in weather and climate forecasts. In 2020 Tim was elected to the US National Academy of Sciences. His work explores questions around where climatic processes on different space and time scales interact. He has also developed and worked on the application of weather and climate forecasts systems for malaria prediction, flood forecasting, crop yield estimation, and more. Most recently his research has focused on simulating climate at extremely high resolution

Adam Pease

Adam Pease is CEO and principal consultant of <u>Articulate Software</u>. His research is centered on the <u>Suggested Upper Merged Ontology</u>, and <u>Sigma</u> ontology environment. <u>Video blog</u>. For the past 20+ years he has been developing a specification of tens of thousands of relationships, processes and objects in an expressive mathematical logic. This allows them to perform data development in a similar way to the development of procedural software development - through massive reuse of existing code, instead of development from scratch. Because of the use of an expressive logic, they can use automation to check for the consistency of the definitions of concepts, in the same way that we can check modern software languages for consistency of types, but with the full power of an expressive logic instead of a simple set of types. These explicit definitions mean that no longer do developers have to rely on their intuitions about the meaning of terms, or to seek out the colleagues who created them in order to understand intended semantics.

Claudia May Del Pozo

Claudia Del Pozo is the Director of the Eon Resilience Lab at C Minds. Her work equips individuals with the knowledge and key skills they need to take advantage of the impact of new technologies, working with companies and governments to guarantee a fairer and more inclusive future for all people. She is working on a practical guide for the development and ethical adoption of artificial intelligence (AI) systems within Latin American companies, is co-designing an agenda for the future of work in León, Mexico, and is leading a prototype of public policies for more transparent and explainable AI systems in collaboration with Facebook and the Inter-American Development Bank (IDB) with the support of the National Institute of Transparency, Access to Information and Personal Data Protection (INAI). She has just published a paper in the digital magazine Agua de Limón on the impact of product standardization and automation on gender equality. Claudia is a Ted speaker, has previously worked at IBM Germany, and is a graduate at Warwick Business School in the UK.

Tony Curzon Price

Tony Curzon-Price is the Senior Advisor at the UK Cabinet Office (which supports the Prime Minister and ensures the effective running of government). Before this, he was the Economic Advisor to the Rt Hon Greg Clark MP, Secretary of State for Business, Energy, and Industrial Strategy. He worked closely on the elaboration of the UK's Industrial Strategy White Paper, as well as on government responses to GAFA, climate change policy and competition and consumer policy. He has previously worked for the Financial Conduct Authority and the Competition and Markets Authority. He founded Arithmatica, a Silicon Valley design company, and spent five years building the company in the Bay Area. He was also editor-in-chief of the UK political website openDemocracy, where he transformed openDemocracy into a not-for-profit editors' cooperative for comment, analysis and investigation. He wrote his PhD on game theory and market design with Ken Binmore at UCL.

Odessa Primus

Odessa Primus is the Executive Director of the Global Arena Research Institute, as well as the Coordinator of its flagship annual event the Next 100 Symposium. She is also the main host of GARI's podcast Last Week on Earth with the GARI. She is the holder of numerous awards and distinctions as a young leader including Young Leader for Europe at the European Commission's European Development Days 2017, European Forum Alpbach - as an Erste Foundation & National Endowment for Democracy fellow; Advisor on the UNSC Resolution 2250 on Youth, Peace & Security, and One Young World scholarship holder. Until January 2017, she worked as a humanitarian worker in response to the 2015/16 refugee and migration crisis in Europe. In 2017, Odessa founded Go Think Initiative, a think tank focused on the development of media and its impact on politics and society, analyzing trends in communication technology.

Paul Samson

President of the Center for International Governance Innovation (CIGI). Proven senior thought leader in Canada and globally. Inclusive style through vision, action, and example. World-class skills in development and management of complex policy issues across the public, private and nonprofit sectors, and consensus building across diverse groups. Deep knowledge and experience in global economics and finance, environment, innovation and digitization, agriculture and international development. For example, as co-chair, led key G20 working group on the global economy during 4+ years, in different cities across the globe. Exceptional track record in developing effective strategies and tactics to deliver results. Bilingual (ENG-FR) and highly multi-culturally literate.

Jeffrey Saunders

Jeffrey Saunders is the CEO of Nordic Foresight and is an expert in strategic futures studies and foresight with 18 years of experience. He. He formerly served as Director, Copenhagen Institute for Futures Studies, and led their Strategy and Innovation. He also served as an onsite advisor at the Office of the Secretary of Defense, Stability Operations. He further served as a policy analyst and advisor at the Strategic Assessment Center at SAIC, where he advised the Office of Net Assessments at the Department of Defense and other government agencies. He has conducted foresight exercises for Fortune 100 organizations and governments. He has authored over 30 articles, reports, book chapters, etc., on the future work and the future of the built environment. He also authored 17 ethnographic analyses of subnational and organizational cultures along the Andean Ridge, North Africa, and the Middle East.

Josef Urban

Distinguished researcher at the Czech Institute of of Informatics, Robotics and Cybernetics (CIIRC) heading the ERC Consolidator project AI4REASON. Before that he was a postdoc researcher in the Foundations Group of ICIS at the Radboud University, Nijmegen, an assistant professor at the Department of Theoretical Computer Science and Mathematical Logic at Charles University in Prague (co-founded the Prague Automated Reasoning Group), and a Marie-Curie fellow at the Department of Computer Science at University of Miami. (Scientific CV). Interested in automated reasoning in large semantically specified knowledge bases (some people call this "strong artificial intelligence"). It involves automated deductive reasoning (automated theorem proving), inductive reasoning (machine learning and discovery) and their combining. Also involved in formalization and computer-verification of mathematics (see the QED Manifesto), especially in Mizar.

David Welch

David A. Welch is University Research Chair and Professor of Political Science at the University of Waterloo and at the Balsillie School of International Affairs. At BSIA, he is part of the Conflict and Security and Global Institutions, Diplomacy and Justice research clusters. His 2005 book Painful Choices: A Theory of Foreign Policy Change (Princeton University Press) is the inaugural winner of the International Studies Association ISSS Book Award for the best book published in 2005 or 2006, and his 1993 book Justice and the Genesis of War (Cambridge University Press) is the winner of the 1994 Edgar S. Furniss Award for an Outstanding Contribution to National Security Studies. He has also authored several other books and publications.

Edward Wilson-Smyth

Edward Wilson-Smythe is an entrepreneurial executive with proven success in establishing and leading high-growth technology and consulting businesses focused on digitally-accelerated business model, product, pricing, customer, channel, sales and marketing innovation. With diverse experience as a management consultant, innovation strategist and industry practitioner, Edward is a trusted strategic advisor to corporate, government and technology leaders.

Their work focuses on harnessing the power of innovation to drive sustained competitiveness, superior business results and improved social outcomes, through the definition and execution of digital innovation strategies, integrated solutions and innovation partnerships for strategic clients. Edward is a frequent speaker at leading innovation conferences, author published in major business and technology media, and a co-author of the Amazon best-seller – "Digital Singularity: A Case for Humanity". Edward has a Master of technology law from the University of Southampton, and a Doctorate of Business Administration from California Coast University.