

**Workshop on
Rebuilding and Strengthening Ukrainian Science and Innovation in Support of Economic
Recovery**

March 19-20, 2024

Zurich, Switzerland

Participant Biosketches

Oleksandra Antoniuk

Oleksandra Antoniuk has served as the Head of the Scientific Committee of the National Council of Ukraine on Science and Technology Development since 2023. She is working as the Leading Researcher in the Institute of Mathematics of the National Academy of Sciences of Ukraine. She is also the Project Leader for Academ.City, an innovation and technology park in Ukraine.

Taras Antoshchak

Taras Antoshchak is the First Secretary of the Embassy of Ukraine in the Swiss Confederation.

Anton Aschwanden

Anton Aschwanden is the Head Government Affairs and Public Policy for Google Switzerland and International Geneva. He is also a member of several boards, such as the executive committee of ICT Switzerland, the Swiss AmCham chapter “Doing Business in Switzerland” and the education/research and infrastructure committees of the national business federation economiesuisse.

Tyson Barker

Tyson Barker is the Deputy Special Representative for Ukraine’s Economic Recovery at the U.S. Department of State. Barker is a foreign and economic policy professional with in-depth experience working at senior levels in government and the think tank community.

Oksana Berezhna

Oksana Berezhna is the Head of the Expert Group on Innovation Development at the Science and Innovation Directorate of the Ministry of Education and Science of Ukraine. She also serves as Team Lead of the project “Ukrainian Global Innovation Vision.” In May 2022, she was appointed as the National Coordinator of COST (European Cooperation in Science and Technology). In February 2024, she was appointed as observer in the Program Committee 'European Innovation Council and European Innovation Ecosystems' of the European Union's Horizon Europe Framework Program for Research and Innovation.

Yulia Bezvershenko

Yulia Bezvershenko is the former Director General of Directorate for Science and Innovation at the Ministry of Education and Science. She is currently the Co-Founder and Coordinator for Science at Risk and Project Manager with Ukraine House. She holds a PhD in Theoretical

Physics from the Bogolyubov Institute for Theoretical Physics (National Academy of Science of Ukraine) and a Master's degree in Public Policy and Governance from the Kyiv School of Economics.

Olga Bolibok

Olga Bolibok, with over ten years of experience in international development and economics, works at the Centre for Social Innovation, Austria, focusing on the EU and Neighbourhood Countries' Research and Innovation policies. As an expert to the JRC of the European Commission, she supported Governments of Ukraine and Serbia in the UN Global Pilot Programme on STI for SDGs Roadmaps, as well as coordinated the National Innovation Development Reform at the Cabinet of Ministers of Ukraine's Reforms Delivery Office.

Tymofii Brik

Tymofii Brik is the Rector of the University of the Kyiv School of Economics since 2022. He has been working at the Kyiv School of Economics since 2018. Tymofii Brik received his PhD in Sociology from the Carlos III University of Madrid (2013) and a Master's degree in Sociology and Social Studies from the University of Utrecht (2011).

Jürg Brunnschweiler

Jürg Brunnschweiler is the Chief of Staff to the President of ETH Zurich and heads the Office of the President. The Office of the President provides strategic and operational services to advance ETH Zurich and the President's vision and priorities. Jürg Brunnschweiler holds a PhD in Biology from the University of Zurich.

Cathy Campbell

Cathy Campbell is the former President and CEO of CRDF Global. She currently serves as the chair of the RESET Ukraine Action Group at the National Academies of Sciences, Engineering, Medicine. She has four decades of experience in international science and technology programs, policies and management.

Franklin Carrero-Martinez

Franklin Carrero-Martinez is the Senior Director of the Science and Technology for Sustainability Program at the National Academies of Sciences, Engineering, Medicine. He earned his PhD in Cell and Developmental Neurobiology and a Certificate in Business Administration from the University of Illinois at Urbana-Champaign.

Kees Christiaanse

Kees Christiaanse has been Full Professor of Architecture and Urban Design at the ETH Zurich from 2003 until his retirement in 2018. Since, he is distinguished affiliated professor at TUMunich. As founder of KCAP architects & planners he is responsible for mayor urban design projects, like HafenCity Hamburg and Europaallee Zürich. From 2010- 2018 he was programme

leader of ETH-Future Cities Laboratory in Singapore. Currently he is co-founder of the Swiss Network with Ukraine, which coordinates reconstruction projects in Ukraine from Switzerland.

Lina Constantinovici

Lina Constantinovici, MBA is the Founder and CEO of Innovation 4.4, focused on accelerating the deployment of technologies that matter. For over 20 years, she has been a globally recognized innovation pioneer, investor, entrepreneur, advisor, and academic. She has launched several organizations that contribute to shifting our macro-economic system towards more optimal outcomes. Lina holds an MBA in Sustainable Management from Presidio Graduate School.

Eduardo Cusicanqui

Eduardo Cusicanqui is the Senior Deputy Director of Finance at National Academy of Sciences in Washington DC. He has over twenty-five years of leadership experience as a finance and project manager, as well as business planner responsible for the development and management of non-profit programs and international private start-up ventures. He has a Juris Doctorate from Tulane Law School.

Edward Daly

General (Retired) Edward Daly was the U.S. Army's senior logistician from July 2020 - May 2023, when he retired after 36 years of service. During his tenure, Ed led the U.S. Army logistics worldwide, which included infrastructure modernization initiatives and initial materiel fielding efforts in support of Ukraine. He led sustainment/materiel readiness that impacted all 50 American states and more than 150 countries. He is an expert in global supply chains, manufacturing, and logistics. Currently, Ed provides consulting services across a wide range of industries. He also serves as a Senior Advisor at The Roosevelt Group and is an Executive Fellow at the Institute for Defense and Business.

Dan Deitz

Dan Deitz works at the Office of Naval Research within the U.S. Department of the Navy.

Sebastiaan den Bak

Sebastiaan den Bak is the Head of International Policy at the Dutch Research Council.

Jacques Ducrest

Ambassador Jacques Ducrest is Head of the International Relations Division in the Swiss State Secretariat for Education, Research and Innovation (SERI). As Board member of SERI, he is responsible for the negotiation of bilateral agreements in the fields of education, research and innovation as well as for Swissnex, the global network connecting Switzerland and the world in education, research and innovation.

Michael Eichmair

Michael Eichmair obtained his PhD in mathematics from Stanford in 2008. After his postdoc at MIT and three years as assistant professor at ETH, he moved to the University of Vienna, where he has been Chair of Global Analysis and Differential Geometry since March 2015. Michael Eichmair directs a large outreach project «Mathematik macht Freude» and, since 2020, has been responsible for the reform of the Austrian curricula and school leaving exam in mathematics. After the escalation of Russia's war against Ukraine, he rallied to create scholarships for Ukrainian researchers and support Austrian schools with the onboarding of displaced Ukrainian students. Together with Dmytro Rzhemovskyi, he has organized programs for hundreds of Ukrainian students, including the Kharkiv-Vienna International Science School; see <https://mmf.univie.ac.at/kharkiv-vienna/vienna-2023/>.

Deborah Fairlamb

Deborah Fairlamb is a Founding Partner at Green Flag Ventures, a new venture capital firm whose mission is to secure superior returns & regional prosperity through investment in innovative, early-stage Ukrainian technology startups focused on cyber, dual use, AI/ML, and Fintech.

Scott Fraser

Scott Fraser is Vice President of Science Grant Programs at the Chan Zuckerberg Initiative, oversees science funding programs and helps advance the organization's strategy to support promising research, technology platforms, organizations, and scientific networks. He also serves as the director of the Translational Imaging Center and the Elizabeth Garrett Chair in Convergent Bioscience at the University of Southern California.

Katharina Füglistner

Katharina Füglistner is the director of International Affairs at the Ecole Polytechnique Federale de Lausanne. She earned her PhD at the University of Zurich in 2011.

Gregory Gabadadze

Gregory Gabadadze is the Senior Vice President of Mathematics and Physical Sciences division at the Simons Foundation. He is a professor of physics and the dean for science at New York University, where he previously chaired the physics department and served as director of the Center for Cosmology and Particle Physics. Gabadadze holds a Ph.D. in physics from Rutgers University in New Jersey and an M.S. from Moscow State University.

Herbert Gilman

Herbert Gilman is the Chief Technology Officer of Simbol AI. He has worked in fundamental research at the Smithsonian, ML scaling and deployment for Fortune 500s, and most recently co-founded Simbol AI: a generative model for graphical design and branding that is democratizing and disrupting the creative services industry.

Steffi Heinecke

Steffi Heinecke is a policy officer for international relations at the Max Planck Society, where she is responsible for scientific cooperation with Ukraine and other Eastern European and Central Asian countries. She also coordinates the Dioscuri Centres of Scientific Excellence in Central and Eastern Europe.

Michael Hengartner

Michael Hengartner is the President of the ETH Board. Previously, he was the president of the University of Zurich and president of the Swiss Rectors' Conference, swissuniversities.

Orin Herskowitz

Orin Herskowitz is Executive Director of Columbia Technology Ventures (CTV) at Columbia University, where he also teaches classes in deeptech entrepreneurship and intellectual property. He also is an advisor on national innovation strategy for the U.S. Department of Commerce (via NACIE) and the Center for American Entrepreneurship. He is also an Innovation Fellow for Schmidt Futures, working on deeptech commercialization strategy.

Margery Infield

Margery Infield is the Philanthropy Manager at XTX Markets. She manages the Academic Sanctuaries Fund, a £15m commitment over 3-years, to fund delivery of more and better academic sanctuary places for students and researchers forced to flee their homes due to the war in Ukraine.

Valeriya Ionan

Valeriya Ionan is the Deputy Minister for Eurointegration at Ministry of Digital Transformation of Ukraine. Before working in the Ukrainian government, she was an entrepreneur. She and her partner launched “Quadrata 28”, the first company in Ukraine which implemented the “Team on request” model in the areas of marketing, sales, HR, and financial management.

Oleksiy Kolezhuk

Oleksiy Kolezhuk is the Deputy Head of the Scientific Committee of the National Council of Ukraine on Science and Technology Development. He is also a Professor at the Institute of High Technologies at Taras Shevchenko National University of Kyiv, and a Visiting Scholar (Philipp Schwartz Fellow) at Johannes Gutenberg University of Mainz.

Maija M. Kukla

Maija Kukla is a Program Director at the National Science Foundation. She has more than 20 years of research, science management, and science policy experience. She is also holding a Professor of Materials Science and Engineering position at the University of Maryland, College Park. She obtained her Doctor of Science in Physics and Mathematics degree from the University of Latvia, Riga, Latvia.

Denys Kurbatov

Denys Kurbatov is the Deputy Minister of Education and Science of Ukraine. From January 2011, he worked as the Deputy Head of the Research Department at Sumy State University. In September 2011, he was appointed as the Head of the Research Department at Sumy State University, where he worked until his appointment to the position of Deputy Minister.

Kevin Laws

Kevin Laws previously served as the CEO of AngelList. He currently serves as a Board Member and Advisor.

Oksen Lisovyy

Oksen Lisovyy is the Minister of Education and Science of Ukraine.

Antonio Loprieno

Antonio Loprieno is Professor of History of Institutions at the University of Basel, Switzerland. He assumed the Presidency of the European Federation of Academies of Sciences and Humanities (ALLEA) in May 2018, after having served as Rector of the University of Basel, President of the Swiss Rectors' Conference and President of the Swiss Academy of Science and of the Austrian Science Council.

Chris Luebke

Chris Luebke is the leader of the Strategic Foresight Hub in the Office of the President at ETH Zurich. This recently established Hub is a team which engages a broad range of stakeholders concerning future focused drivers of change. He combines an attitude of pragmatic optimism with curiosity and a deep sense of planetary responsibility to all of his collaborations.

Michael Marquez

Michael Marquez is Founding partner of CODE Advisors, a leading technology focused Investment Bank recently acquired by the Raine Group and Founding General partner of Morado Venture Partners, a preeminent seed stage fund investing in deep tech and frontier technology start-up companies.

Jeff Martin

Jeff Martin is the Founder & CEO of Tribal Planet, Inc. Through the marketing and development of ground-breaking technologies, he has spent his career applying innovation to multimedia product design. Martin continues to build new mobile commerce channels by changing the way consumers engage with entertainment, business, and social impact.

Svitlana Mayboroda

Svitlana Mayboroda is a Full Professor of Mathematics in the Department of Mathematics at ETH Zurich. Svitlana Mayboroda conducts research in the field of analysis. She has produced numerous groundbreaking studies in the areas of partial differential equations, harmonic analysis and functional analysis. Svitlana Mayboroda is a Fellow of the American Mathematical Society.

and has won multiple international awards for her research. At present she is the director of a major international interdisciplinary project. She is not only regarded as a leading scientist in her field, but also has extensive experience as a university lecturer.

Joël Mesot

Joël Mesot is the President of ETH Zurich. Prior to his appointment in 2019, he served for more than 10 years as the Director of the Paul Scherrer Institute (PSI), the largest publicly funded research institute in Switzerland. In addition, Joel Mesot has been a professor in physics, both at ETH Zurich and EPF Lausanne.

Anna Fontcuberta i Morral

Anna Fontcuberta i Morral is a Spanish physicist and materials scientist. Her research focuses on nanotechnology applied in the production of solar cells. She is a full professor at École Polytechnique Fédérale de Lausanne and the head of the Laboratory of Semiconductor Materials.

Gyler Mydyti

Gyler Mydyti is a Post-Doctoral Researcher (Swiss Government Excellence Scholarship Holder) at the Chair of Architecture and Urban Design, ETH Zurich. She is currently developing a research project on typological analysis of structures where living and working coexist, as a part of the Urban Made project. She obtained her PhD from the Politecnico di Milano in 2014.

Carol O'Donnell

Carol O'Donnell is Executive Director of Smithsonian Science Education Center, dedicated to transforming K-12 Education through Science in collaboration with communities across the globe. Carol's career spans being a science teacher, curriculum developer, research scientist, and part-time faculty for the Physics Department of George Washington University, where she received her doctorate in science education.

Laure Ognois

Laure Ognois is the Head of International Cooperation at the Swiss National Science Foundation.

Dominique Paravicini

Ambassador Dominique Paravicini has led the Economic Cooperation and Development Division, Directorate of External Economic Affairs of the State Secretariat for Economic Affairs (SECO) since 2021. He also serves as a member of SECO's Board and a delegate of the Federal Council for Trade Agreements.

Guy Parmelin

Guy Parmelin is a Swiss Federal Councillor and head of the Department of Economic Affairs, Education and Research. A member of the Swiss People's Party, he has been a member of the Federal Council since 2016, and has led the Department of Economic Affairs, Education and Research since 2019.

Luc Patthey

Luc Patthey is Titular Professor at the University of Fribourg, as well as Head of the Laboratory for Advanced Spectroscopy and X-ray Sources (LSX) at the Paul Scherrer Institut. From 2012 to 2020, he assumed the coordination and leading project positions for the Swiss X-ray Free Electron Laser (SwissFEL) beamlines. In 2023, he initiated the first in-kind contribution for the “Light for Ukraine” project at the SOLARIS facility.

Roger Pfister

Roger Pfister is Head of International Cooperation of both the Swiss Academy of Sciences and the national umbrella organization, the Swiss Academies of Arts and Sciences. In these capacities, he served as Chair of the Swiss Section of Scholars at Risk (SAR) during 2019-2023 and as Executive Secretary for the International Council for Science’s (ICSU) Committee on Freedom and Responsibility in the conduct of Science (CFRS) during 2010-2016.

Oliver Pieper

Oliver Pieper is Deputy Head of the Division "Cooperation with Eastern European Countries (without EU), South Caucasus, Central Asia" at the German Federal Ministry of Education and Research (BMBF). His responsibilities in the international department include the coordination of scientific co-operation with Ukraine. He is also part of the Integration Task Force, which deals with the BMBF's measures to support temporarily displaced persons from Ukraine in Germany.

Dmytro Pokhylko

Dmytro Pokhylko is the Director of Strategic Projects and Lab-to-Market (L2M) Accelerator Network at Columbia Tech Ventures, Columbia’s tech transfer office. L2M is a cross-discipline ecosystem providing tactical and strategic guidance to 10+ accelerators to deep tech academic innovators in life- and physical sciences. He is also an Associate Adjunct Professor at Columbia Engineering.

Olga Polotska

Olga Polotska is Executive Director of the National Research Foundation of Ukraine (NRFU) with a wide range of experience of research communication and grant management and administration. She holds a PhD degree in Linguistics and used to work at V.N. Karazin Kharkiv National University.

Yaroslav Prytula

Yaroslav Prytula is a Senior Vice-Rector of the Ukrainian Catholic University (UCU), the founding dean of UCU's Faculty of Applied Sciences and an adjunct professor of quantitative methods for business decision-making and economics at the UCU Business School. He previously served as an associate professor in the Department of International Economic Analysis and Finance at Lviv Ivan Franko National University (LIFNU). He was awarded a Ph.D. in Mathematical Analysis from LIFNU in 2000.

Alison Purvis

Alison Purvis is the Chief Development Officer of the National Academies of Sciences, Engineering, and Medicine. With over twenty years of experience leading philanthropic partnerships at science-driven organizations, she guides philanthropic strategy and activities. She collaborates with individuals and organizations to grow the impact of their philanthropy and its benefit to society in support of the National Academies' mission and initiatives.

Richard Rikoski

Richard Rikoski is the CEO and Chief Scientist of Hadal and the Chief Economist of Democracy Investments. At Hadal he focuses on developing unmanned systems for deep sea exploration; at Democracy Investments he focuses on financial products that redirect capital from autocracies to democracies and create market based incentives for political reform.

Dmytro Rzhemovskiy

Dmytro Rzhemovskiy completed his bachelor's studies in mathematics at Taras Shevchenko National University in Kyiv and received his master's degree in statistics from the University of Vienna. In Project MmF at the University of Vienna, Dmytro is responsible for organizing and implementing educational programs for high school students from Ukraine and fostering cooperation between Austria and Ukraine in the field of STEM education.

Renata Schaeffer

Renata Schaeffer is the Head of International Partnerships at the Strategic Partnership Office. She works with University of Cambridge's Schools, Faculties and Departments in developing institutional relationships with higher education and research institutes, governments, funders and NGOs internationally.

Michael Schaepman

Michael Schaepman is currently serving as President at the University of Zurich. He is also a professor of remote sensing at the Department of Geography (Remote Sensing Laboratories). He studied geography, experimental physics, and informatics at the University of Zurich, and earned his doctoral degree at the Department of Geography of UZH in 1998.

Jörg Schneider

Educated as a microbiologist, Jörg Schneider changed into Research Management and organized the German National Contact Points for the EU Research Framework Program for several years on behalf of the BMBF, served as Managing Director of the Leibniz Association, one of the four big German research organizations and since 2006, he is the Head of Division, International Affairs at the German Research Foundation (DFG).

Allison Schwier

Allison Schwier is the Deputy Science and Technology Adviser to the Secretary of State. In this role, she helps to connect science, technology, and innovation to Department foreign policy

priorities. From 2021-2023, she served as the Acting Science and Technology Adviser. From 2019-2021, Allison served as a Senior Policy Adviser in the STAS office, focusing on issues including 5G, semiconductors, research integrity, Smart Cities, surveillance technologies, and science and technology programs and policies in the People's Republic of China.

Tarmo Soomere

Tarmo Soomere is currently serving as the president of Estonian Academy of Sciences and chairman of International Science Council (ISC) European Members. He graduated as a mathematician from Moscow State University in 1980, received a PhD in oceanology in 1984 and in mathematics in 1992. Currently he is Professor of Coastal Engineering at Tallinn University of Technology, with research focus on marine and coastal climatology.

David Spergel

David Spergel is the President of the Simons Foundation, a position he has held since 2021. He joined the Flatiron Institution in 2016 as founding director of the Center for Computational Astrophysics. His research interests range from the search for planets around nearby stars to the shape of the universe.

Mina Teicher

Mina Teicher is the former Chief Scientist of Israel Government and former Chair of the USA-Israel Binational Science Foundation (BSF). She is currently a Professor of Mathematics and Neuroscience, with an international reputation in algebraic geometry, computer vision, cryptography, cyber security, computational neuroscience, complex systems and mathematical education. She is an expert on translational science - from basic science to innovation, and build relevant schemes for universities, for the New Zealand Government, for the European Commission (FETAG), and more.

Donald Tillman

Donald Tillman is the Managing Director at ETH Zurich Foundation. The Foundation is establishing support, donations, and partnerships to advance research and teaching at ETH Zurich. He is chairman of the real estate companies of the Foundation as well as in the exec. board of the ETH Foundation in the US and in Germany. He holds a doctoral degree in the field of rural engineering from ETH and a master degree in environmental engineering from MIT.

Luke Thompson

Luke Thompson is the Director of the Regional Hub Office - Environment, Science, Technology and Health in Central and Eastern Europe, Balkans, Caucasus at the U.S. Embassy in Budapest.

Olivia Tournay-Flatto

Olivia Tournay Flatto is a trained research scientist. She is the President of The Pershing Square Foundation. She leads the Foundation's efforts to deliver social impact by promoting exceptional leaders and innovative ideas in the areas of health and medicine, economic development, social

justice, education, and the arts. She received her PhD in Molecular Biology and Genetics from the University of Pennsylvania in 1995.

Vaughan Turekian

Vaughan Turekian is the executive director of the National Academies' Policy and Global Affairs Division (PGA). Prior to joining the Academies, he served as the fifth science and technology adviser to the U.S. secretary of state. In this capacity, he advised the secretary of state and other senior State Department officials on emerging science, technology, and health matters affecting the foreign policy of the United States.

Iryna Venediktova

Iryna Venediktova is the Ambassador Extraordinary and Plenipotentiary of Ukraine to the Swiss Confederation and the Principality of Liechtenstein.

Martin Vetterli

Martin Vetterli is the current president of École polytechnique fédérale de Lausanne in Switzerland. He is a professor of engineering and was formerly the president of the National Research Council of the Swiss National Science Foundation.

Maryna Viazovska

Maryna Sergiivna Viazovska is a Ukrainian mathematician known for her work in sphere packing. She is a full professor and Chair of Number Theory at the Institute of Mathematics of the École Polytechnique Fédérale de Lausanne in Switzerland. She was awarded the Fields Medal in 2022.

Andreas Wieser

Andreas Wieser is a Professor of Geosensors and Engineering Geodesy at ETH Zürich. His research concerns geodetic monitoring of structures and surfaces. He received his PhD at the Graz University of Technology in Austria.

Ian Wiggins

Ian Wiggins is Director of International Affairs for the Royal Society where he leads on the Society's global engagement. Before joining the Royal Society, Ian worked at the University of York in a number of roles including leading the University's Brexit contingency planning and serving as the first Director for the York-Maastricht Partnership, the universities strategic relationship with Maastricht University. Ian is also a former British Diplomat including postings in Moscow and in Washington D.C. where he was Deputy Head of the Embassy's political section during the 2016 Presidential elections.

Vanessa Wood

Vanessa Wood is a full professor and chair at the Institute for Electronics (IfE) in the Department of Information Technology and Electrical Engineering (D-ITET) at ETH Zürich. Her research

group is the Materials and Device Engineering Group (MaDE). Besides her professorship, Vanessa Wood is the Vice President for Knowledge Transfer and Corporate Relations at ETH Zürich since 2021.

Maksym Yarema

Maksym Yarema is Assistant Professor at the Department of Information Technology and Electrical Engineering at the Institut für Elektronik of ETH Zürich. He received his PhD at the Johannes Kepler University in Linz, Austria.