



**TITLE OF THE PANEL:** Triple Helix model of innovation for addressing societal crises: building innovation ecosystem resilience - the collaborative international approach

**PROPONENT:** High Level Forum

# HIGH LEVEL FORUM

Connect

GIANT

**CHAIR:** Richard Dasher (Director of US-Asia Technology Management Center, Stanford University)

**MAIN TOPIC/SCOPE:** The panel session will begin with a short presentation of the High Level Forum model as an example of an Innovation Ecosystem network boosting international collaboration. This will be followed by a group of international panelists who will debate both the impact on innovation ecosystems and their triple helix constituents from the Covid-19 and ecosystem responses to the crisis, including collaborative international approaches. Questions addressed during the panel session include how to maintain the momentum for innovation during a crisis; the creation of new international collaborations and alliances to promote innovation in a post-crisis world; and the role of innovation ecosystems in developing specific solutions to Covid-19 as well as promoting their sustainability.

**PANELISTS:**



Koby Rubinstein, Executive Vice President for Research at Technion (Haifa, Israel)

Benoit Balmana, CEO, IVEO (Montreal, Canada)

Greg Morin, Director, Argonne National Lab (Chicago, United, States)

Patrick Levy, IDEX Coordinator, Office of the President, former President of the University Grenoble Alpes (Grenoble, France)

<p><b>Participant</b> : Prof. Richard Dasher  <b>Affiliation</b> : Stanford University (Stanford, United States)  <b>Position</b> : Director, US-Asia Technology Management Center</p>	 <p>Richard Dasher has been Director of the US-Asia Technology Management Center at Stanford University since 1994. He served concurrently as the Executive Director of the Center for Integrated Systems in Stanford's School of Engineering from 1998 - 2015. His research and teaching focus on the flow of people, knowledge, and capital in innovation systems, on the impact of new technologies on industry value chains, and on open innovation management. Dr. Dasher serves on the advisory boards for national universities and research institutions in Japan and Thailand. He is on the selection and review committees of major government funding programs for science, technology, and innovation and in Canada and Japan. He is an advisor to start-up companies, business accelerators, venture capital firms, and nonprofits in Silicon Valley, China, Japan, and S. Korea. Dr. Dasher was the first non-Japanese person ever asked to join the governance of a Japanese national university, serving as a Board Director and member of the Management Council of Tohoku University from 2004 - 2010. Dr. Dasher received M.A. and Ph.D. degrees in Linguistics from Stanford University. From 1986 – 90, he was Director of the U.S. State Department's Advanced Language and Area Training Centers in Japan and Korea that provide full-time curricula to U.S. and Commonwealth Country diplomats assigned to those countries.</p>
<p><b>Participant</b> : Prof. Koby Rubinstein  <b>Affiliation</b> : Technion (Haifa, Israel)  <b>Position</b> : Professor of Mathematics and Executive Vice President for Research</p>	 <p>Prof. Rubinstein is an applied mathematician. His research has spanned several disciplines, including partial differential equations, asymptotic analysis, hydrodynamics, superconductivity, optics, medicine and more. Koby served as the chairman of the Technion Department of Mathematics (2009-2012) and as the president of the Israel Mathematical Union (2017-2018). He received a number of awards including the Landau Prize in Exact Science, the New England and the Seiden awards for scientific excellence, the H. Rich award for innovation, the S. Kaplan award for creative management and the Member for Life award from the Technion Students Association. In 2009, he was elected Fellow of the AAAS.</p>

<p><b>Participant</b> : Benoit Balmana  <b>Affiliation</b> : IVEO (Montreal, Canada)  <b>Position</b> : CEO</p>	 <p>Benoit Balmana is an engineer in Mechanical Engineering, with additional training in project Management. He has 20 years of experience working in the field of innovation. Benoit has worked in France for an innovation agency (BPI) and for a venture capital company, dedicated to early stage investment (EMERTEC). In 2006, he joined the start-up NANOLEDGE, which specializes in nanocomposites, to ensure the corporate and business development of the company. From 2010 to 2016, Benoit Balmana has been President and CEO of NanoQuébec (Canada) where he defined and implemented a new strategy to promote nanotechnology as sources of innovation and competitiveness. He is now Director of IVÉO, an innovation ecosystem dedicated to smart and sustainable mobility in Québec.</p>
<p><b>Participant</b> : Greg Morin  <b>Affiliation</b> : Argonne National Laboratory (Chicago, United States)  <b>Position</b> : Director of Strategy and Innovation</p>	 <p>Greg Morin is the Argonne National Laboratory Director for Laboratory Strategy. Mr. Morin leads the development and management of Argonne’s strategic initiatives, discretionary investments, performance management and risk. Prior to Argonne, Mr. Morin worked with Gillum Strategy Partners, where he led a variety of client engagements solving business strategy and commercialization challenges; was a Program Manager for Northrop Grumman on the P-8 Poseidon program, and completed a Navy career flying onboard the P-3 Orion and leading a variety of research and development activities. Mr. Morin has a Bachelor of Science degree from the U. S. Naval Academy, a Master of Science degree in Aeronautical Engineering from the Naval Postgraduate School and a Master of Business Administration degree from the University of Chicago Booth School of Business.</p>

<p><b>Participant</b> : Prof. Patrick Levy  <b>Affiliation</b> : University Grenoble Alpes (Grenoble, France)  <b>Position</b> : IDEX Coordinator, Office of the President &amp; former President of the University</p>	 <p>Patrick Lévy, 66 years-old is professor of Physiology, MD, respiratory physician, graduated with a Master degree in Animal Physiology (1986) and a PhD in Physiology (1989). He led the Pulmonary Function Test Unit, Sleep Lab (1988-2012) and Clinical Research Department (2000-2012) at Grenoble University Hospital. He has been the head of the Hypoxia Pathophysiology Laboratory (HP2) Grenoble Alpes Univ. and Inserm (2003-2015) and set one of the most active Research Laboratory on Obstructive Sleep Apnea worldwide. He produced more than 350 international articles (H index WOS = 64 June 2020). He has been Rector of Grenoble Alpes University (Dec 2015-Jan 2020) and previously of Joseph Fourier University in Grenoble (2012-2015), leading the project of Grenoble Alpes University – Initiative of Excellence, an ambitious vision for establishing a large research and multidisciplinary University in Grenoble and the Alps, reaching a critical mass and improving its international visibility. The project has been labelled in 2016. The new institution was created on 2020 January 1st. He has also recently been elected as European University Association Board Member (2019-23). Lastly, he is currently associate editor of the Journal of Sleep Research (IF: 3.62) and section editor (sleep and ventilation) for the European Respiratory Journal (IF: 12.34).</p>
<p><b>Participant</b> : Dr Karen Amram  <b>Affiliation</b> : CEA (Grenoble, France)  <b>Position</b> : Head of International Foresight - CEA Technology Research Unit, Chair of the High Level Forum – GIANT</p>	 <p>Karen Amram, is the Chair of the High Level Forum, a network of leading Innovation Ecosystems worldwide. Its summit alternates between Grenoble GIANT Campus and another region every year. Karen recently launched the HLF Connect, a series of interaction between HLF members on crucial questions of our time. She is currently Head of International Foresight at the technology unit of CEA where she has been employed for 25 years. After graduating with a degree in fluid mechanics from Aix-Marseille University, Karen obtained her PhD at Ecole Polytechnique, France.</p>