



PRESIDENT OF THE
REPUBLIC OF ARMENIA



ARMENIAN SUMMIT OF MINDS

GLOBAL TRANSFORMATIONS IN A NEW QUANTUM WORLD

DILIJAN, 23-24 OCTOBER 2021

A quantum world creates new dynamics within industries. As everything becomes more interrelated, what can we learn from cross-pollinating professions or simply by applying the practices that are effective in some to others?



TIME	SATURDAY 23 OCTOBER	LOCATION
08.00–09.00	REGISTRATIONS	Central Bank Training Centre <i>Atrium</i>
09.00–09.20	MORNING COFFEE	Central Bank Training Centre <i>Atrium</i>
09.30–10.00	WELCOMING REMARKS	Central Bank Training Centre <i>Ararat Hall</i>
	<p>Led by:</p> <ul style="list-style-type: none"> Thierry Malleret, Founder & Managing Partner, The Monthly Barometer, France <p>Special address:</p> <ul style="list-style-type: none"> H.E. Armen Sarkissian, President, The Republic of Armenia H.E. Nikol Pashinyan, Prime Minister, The Republic of Armenia <p>With:</p> <ul style="list-style-type: none"> Martin Galstyan, Governor, Central Bank of Armenia 	
10.00–10.30	OPENING DIALOGUE	Central Bank Training Centre <i>Ararat Hall</i>
	<p>Introduced by:</p> <ul style="list-style-type: none"> Thierry Malleret, Founder & Managing Partner, The Monthly Barometer, France <p>With:</p> <ul style="list-style-type: none"> H.E. Armen Sarkissian, President, The Republic of Armenia Romano Prodi, Former President, European Commission; Former Prime Minister, Republic of Italy, Italy (live by video) 	
10.30–11.45	PLENARY SESSION I	Central Bank Training Centre <i>Ararat Hall</i>
	<p>Global Transformations & Quantum Politics - Challenging the Unknown</p> <p>The current system of international relations is in a turbulent zone. All previous systems governing international relations (from Westphalian to Yalta-Potsdam) have been rooted in some fundamental principles (like sovereignty or the balance of power or rule of law) designed to restrain the excessive ambitions of some actors and to guard against the tragic re-occurrence of a world war. Today, these frameworks of engagement are becoming more and more blurred - the rules of the game are changing but it is not clear to what yet. The world has changed, and the rivalry to attain leadership in the new world (dis) order is ever more intense with increasingly unpredictable outcomes.</p> <p>Led by:</p> <ul style="list-style-type: none"> Thierry Malleret, Founder & Managing Partner, The Monthly Barometer, France <p>With:</p> <ul style="list-style-type: none"> Mauricio Macri, President, FIFA Foundation; Former President, The Republic of Argentina, Argentina (by video) Arkady Dvorkovitch, President, International Chess Federation (FIDE); Chairman, Skolkovo Foundation, Russia Vladislav Inozemtsev, Director, Centre for Post-Industrial Studies, Russia; Special Advisor, MEMRI's Russia Media Studies Project, USA (live by video) Alexander Lvovsky, Professor, University of Oxford, UK Matthew Rojansky, Director, Wilson Centre's Kennan Institute, USA (by video) Andrey Kortunov, Director General, Russian International Affairs Council, Russia (live by video) 	

TIME	SATURDAY 23 OCTOBER	LOCATION
11.45–12.00	<p>PRESS ANNOUNCEMENT – STARMUS FESTIVAL 2022</p> <p>Special address:</p> <ul style="list-style-type: none"> Garik Israelian, Founding Director, Starmus Festival; Astrophysicist, Institute of Astrophysics of the Canary Islands, Spain H.E. Armen Sarkissian, President, The Republic of Armenia <p>With:</p> <ul style="list-style-type: none"> Vahram Dumanyan, Minister of Education, Science, Culture and Sports, Republic of Armenia, Armenia Vahagn Khachatryan, Minister of High-Tech Industry, Republic of Armenia, Armenia 	<p>Central Bank Training Centre <i>Press Corner</i></p>
11.45–12.00	BREAK	<p>Central Bank Training Centre <i>Atrium</i></p>
12.00–12.20	<p>FUTURE TALKS – A CONVERSATION BETWEEN:</p> <ul style="list-style-type: none"> Noubar Afeyan, Co-Founder & Chairman, Moderna; Founder & CEO, Flagship Pioneering, USA (by video) <p>And</p> <ul style="list-style-type: none"> H.E. Armen Sarkissian, President, The Republic of Armenia 	<p>Central Bank Training Centre <i>Ararat Hall</i></p>
12.20–14.20	<p>PLENARY SESSION II – EVOLVING GEOPOLITICS & SECURITY CHALLENGES</p> <p>The Evolving Geopolitics of the South Caucasus</p> <p>The 2020 conflict in the South Caucasus serves as a stark reminder that the global institutions and systems can no longer be relied upon. Therefore, in the context of today's acute geopolitical uncertainty, the South Caucasus has a special significance. The recent war in Artsakh/Nagorno-Karabakh showed how regional players were able to exploit these shifting geopolitical tectonic plates to achieve specific short-term goals at the cost of long-term stability. History tells us that the over-strengthening of some countries at the expense of others often undermines global security and progress. Current events in the Greater Middle East, of which the South Caucasus is part, already constitute a danger requiring fundamental changes to the existing system of international relations.</p>	<p>Central Bank Training Centre <i>Ararat Hall</i></p>

TIME	SATURDAY 23 OCTOBER	LOCATION
12.20-14.20	<p>PLENARY SESSION II – EVOLVING GEOPOLITICS & SECURITY CHALLENGES</p> <p>Security Challenges for Eurasia & Europe, Central Asia & Afghanistan</p> <p>Central Asia plays a key role on the Eurasian “chessboard” and the latest geopolitical developments, in particular the withdrawal of NATO from Afghanistan, have created new challenges not only for Eurasia but also for Europe and the US. In this panel, we will discuss the real ramifications and consequences of this policy shift, not only for Afghanistan and its neighbours but for the whole world.</p> <p>Led by:</p> <ul style="list-style-type: none"> Kawa Hassan, Executive Director, Stimson Europe; Senior Fellow & Director - Middle East & North Africa Program, Stimson Centre, Belgium <p>With:</p> <ul style="list-style-type: none"> Georgi Asatryan, Ph.D. - History, Lomonosov Moscow State University and Plekhanov Russian University of Economics, Russia Konstantin Zatulin, Deputy Chairman, Committee for CIS Affairs, Eurasian Integration and Relations with Compatriots of the State Duma, Russia Kapil Komireddi, Independent Journalist; Author, “Malevolent Republic: A Short History of the New India”, India Barnett R. Rubin, Non-Resident Senior Fellow, Centre International Cooperation - New York University and Quincy Institute for Responsible Statecraft, USA (by video) Alexander Iskandarian, Political Scientist & Author; Founding Director, Caucasus Institute Foundation, Armenia Thomas Kruessmann, President, AESC; Senior Research Associate, University of Kent; Professor - Criminal Law, New Vision University, Georgia (live by video) 	Central Bank Training Centre <i>Ararat Hall</i>
14.20-14.30	<p>PUBLIC ANNOUNCEMENT – KONRAD ADENAUER FOUNDATION FOR EDUCATION & OTHER PROJECTS IN SOUTH CAUCASUS</p> <p>Introduced by:</p> <ul style="list-style-type: none"> Kawa Hassan, Executive Director, Stimson Europe; Senior Fellow & Director - Middle East & North Africa Program, Stimson Centre, Belgium <p>With:</p> <ul style="list-style-type: none"> Thomas Schrapel, Head, Konrad Adenauer Stiftung Regional Programme, Germany 	Central Bank Training Centre <i>Ararat Hall</i>
14.30-15.20	<p>ICE-BREAKING LUNCH</p> <p>Participants get to know each other better by sharing amongst themselves what’s on their mind in an open forum.</p>	Central Bank Training Centre <i>Canteen (2nd Floor)</i>
15.20-15.40	<p>FUTURE TALKS – A CONVERSATION BETWEEN:</p> <ul style="list-style-type: none"> Tigran Khudaverdyan, Deputy CEO & Executive Member, Yandex N.V. Board of Directors, Russia <p>And:</p> <ul style="list-style-type: none"> H.E. Armen Sarkissian, President, The Republic of Armenia 	Central Bank Training Centre <i>Ararat Hall</i>
15.40-16.00	<p>FUTURE TALKS – A CONVERSATION BETWEEN:</p> <ul style="list-style-type: none"> Roger Gracie, Ten Times Brazilian Jiu-jitsu World Champion; Founder, Roger Gracie Academy, UK <p>And:</p> <ul style="list-style-type: none"> Thierry Malleret, Founder & Managing Partner, The Monthly Barometer, France 	Central Bank Training Centre <i>Ararat Hall</i>

TIME

SATURDAY 23 OCTOBER

LOCATION

16.00–17.30

PLENARY SESSION III

Central Bank Training Centre
Ararat Hall

A New Social Contract in the Time of AI, New Technologies & Covid-19

Covid-19 will go down in history as a tech accelerant. The consequences of Covid-19 include economic-social-political changes, such as the improvement of gig economy workers, remote working as a norm for many sectors, the need for greater diversity in the workforce, a universal income in a variety of forms (e.g., furlough schemes), increased State interventions in the private sector, and many others. These changes are giving rise to a new form of social contract with the State in which technology serves as enabler. What does this new social contract look like or what should it look like? With "greater good" becoming a dominant narrative, where do we draw the line between privacy and "greater good", especially with technology becoming all pervasive?

Led by:

- **Nina Burleigh**, Independent Journalist, USA

With:

- **Mikhail Fedotov**, Director, International Research & Educational Centre; UNESCO Chair on Copyright, Neighbouring, Cultural & Information Rights, HSE University; Doctor of Sciences - Law & Professor, Russia (live by video)
- **Ann Cavoukian**, Creator, Global Privacy & Security by Design Centre; Former Information & Privacy Commissioner, Canadian Province of Ontario, Canada (live by video)
- **Sanjay Jha**, Executive Director, Dale Carnegie India; Former Spokesman, Indian National Congress Party, India
- **Artem Oganov**, Professor, Skolkovo Institute of Science & Technology and Russian Academy of Sciences; Member, Academia Europaea; Fellow, Royal Society of Chemistry, American Physical Society and Mineralogical Society of America; Professor, Russia
- **Jan-Marc Lischka**, Co-Founder & Partner, 5thIndustry; Founder & CEO, Manuyoo, Germany (live by video)
- **Pranjal Sharma**, Author - "India Automated" & Editorialist, India

17.30–17.50

FAMILY PHOTO

Central Bank Training Centre
Outside the Main Entrance

17.50–18.10

FUTURE TALKS – A CONVERSATION BETWEEN:

Central Bank Training Centre
Ararat Hall

- **Josh Tetrick**, Founder & CEO, Eat Just and Good Meat, USA (by video)

And:

- **Hayk Sarkissian**, Founder & Executive Chairman, Revery, UK

18.10–18.50

PUBLIC PRESENTATIONS

Central Bank Training Centre
Ararat Hall

Kemurdzhian 100

Alexander Kemurdzhian was the creator of the first Planetary Rover Lunokhod. He also designed the first Mars Rover Prop-M which landed on Mars in 1971, on board the lander Mars 3. SpaceX expects to land manned starship rockets on Mars before 2030. Will this change the course of humanity?

With:

- **Vladimir Kemurdzhian**, Research Institute of Transmash, Russia
- **Garik Israelian**, Founding Director, Starmus Festival; Astrophysicist, Institute of Astrophysics of the Canary Islands, Spain

TIME		LOCATION
18.10–18.50	PUBLIC PRESENTATIONS Starmus <p>Starmus is a global festival of science, communication and art that brings together the most brilliant minds of the planet - cosmonauts, astronauts, Nobel laureates and scientists in various fields. Our aim is to inspire and educate the next generation of explorers and regenerate a spirit of discovery. Starmus is also creating a new generation of peacemakers. Every nation, big or small, can contribute to establishing peace on the Earth and beyond it. One of the most ancient cultures in the world, Armenia, has always focused on creating and constructing, despite facing innumerable challenges. In September of 2022 Starmus VI - Armenia will open a new debate about humanity's future on Mars.</p> <p>With:</p> <ul style="list-style-type: none"> Garik Israelian, Founding Director, Starmus Festival; Astrophysicist, Institute of Astrophysics of the Canary Islands, Spain 	Central Bank Training Centre <i>Ararat Hall</i>
18.50–19.10	FUTURE TALKS – A CONVERSATION BETWEEN: <ul style="list-style-type: none"> Philippe Bourguignon, Partner, Revolution, USA; Partner, Monthly Barometer, France (by video) Ted Souder, Head of Industry & Retail, Google, USA; Partner, Monthly Barometer, France (by video) <p>And:</p> <ul style="list-style-type: none"> H.E. Armen Sarkissian, President, The Republic of Armenia 	Central Bank Training Centre <i>Ararat Hall</i>
19.10–20.00	TRANSFERS TO DINNER	Central Bank Training Centre
19.15	Bus leaves for Best Western Hotel (for participants staying at this hotel).	<i>Meeting Point at the Main Entrance</i>
19.15	Bus leaves for Chalet Hotel (for participants staying at this hotel where the bus will wait to transfer them onwards at 19.50 to Best Western for dinner).	
19.40	Bus leaves for Best Western Hotel (for participants staying at the Central Bank).	
20.00–21.45	DINNER <p>Hosted by the Governor of the Central Bank of Armenia at the Best Western Plus Paradise Hotel Dilijan.</p>	Best Western Plus Paradise Hotel <i>Restaurant</i>
21.45–22.30	NIGHTCAPS Objectivity & Truth in a Quantum World <p>The two phenomena arguably most under threat in this new age of over-information. How do we protect them?</p> <p>With:</p> <ul style="list-style-type: none"> Ara Brutian, Head of Digital Innovation & Executive Director, Sustainalytics, Canada The Evolving Geopolitics of the South Caucasus <p>With:</p> <ul style="list-style-type: none"> Arsen Gasparyan, Visiting Professor, American University of Armenia and Yerevan Branch of Moscow State University, Armenia Eurasia and the Future of Trade <p>With:</p> <ul style="list-style-type: none"> Asif Iqbal, President, Indian Economic Trade Organization, India 	Best Western Plus Paradise Hotel <i>Conference Centre</i>
From 22.30	TRANSFERS BACK TO THE HOTELS	Best Western Plus Paradise Hotel <i>Meeting Point in the lobby</i>

TIME	SUNDAY 24 OCTOBER	LOCATION
08.00–08.20	TRANSFERS TO THE CENTRAL BANK TRAINING CENTRE For those wishing to attend the working breakfast.	Hotels <i>Meeting Point in the Lobby</i>
08.30–09.30	WORKING BREAKFAST How can Liberal Democracy Fit in a Quantum World? The quantum world is reshaping our social, political, and economic interactions. The institutions, constitutions, and forms of international relations, as well as interactions between a state and its population have for centuries been based on a “classical” world model. Are our political models relevant to today’s quantum world? Or is there a new model for capitalism and democracy that can work more effectively in a quantum world? What can we learn and incorporate from more benevolent autocratic systems (such as long-term vision) which can help democratic societies develop better and faster? Is technology creating more inequality in future between those who will expand their longevity, intelligence, and wealth because they can afford such technology, leaving behind the rest of the population? (China is acting against the tech companies partly for this reason, what should the rest of the world do?). With: <ul style="list-style-type: none"> • Thierry Malleret, Founder & Managing Partner, The Monthly Barometer, France • Kawa Hassan, Executive Director, Stimson Europe; Senior Fellow & Director – Middle East & North Africa Program, Stimson Centre, Belgium 	Central Bank Training Centre <i>Canteen / Lounge (2nd Floor)</i>
From 09.00	TRANSFERS TO THE CENTRAL BANK TRAINING CENTRE For remaining participants.	Hotels <i>Meeting Point in the Lobby</i>
09.30–09.50	FUTURE TALKS – A CONVERSATION BETWEEN: <ul style="list-style-type: none"> • Mikhail Shvydkoy, Special Representative of Russian President on International Cultural Cooperation, Russia (by video) And: <ul style="list-style-type: none"> • H.E. Armen Sarkissian, President, The Republic of Armenia 	Central Bank Training Centre <i>Ararat Hall</i>

TIME

SUNDAY 24 OCTOBER

LOCATION

10.00–11.00

PLENARY SESSION IV

Central Bank Training Centre
Ararat Hall

Education & Healthcare - Post-Covid Rethink

The 21st century brings forth new dynamics within established industries. Two industries experienced more shocks than others during the 2020 pandemic – healthcare and education. How both are structured and executed will be vastly different after the learnings and consequences of this modern pandemic. More specifically:

1. How do we shift faster and more effectively from a global healthcare industry focused on drugs, treatments and hospitalization to preventative healthcare focused on wellness, nutrition, and mental/physical maintenance?
2. Can universal remote education lift the rest of the world out of poverty and provide everyone with equal opportunity, or do we need human engagement and interaction in a classroom for education to be effective?
3. If we start with a blank slate what does the optimal syllabus look like in a quantum world and how would the most effective healthcare system work? Can the two industries learn from each other?

Led by:

- **Ara Brutian**, Head of Digital Innovation & Executive Director, Sustainalytics, UK

With:

- **Luke Parsons**, Principal, Summit Partners; Healthcare Investor, UK
- **Armais Kamalov**, Director – Medical Research & Educational Centre, Lomonosov University Clinic, Russia
- **Artem Oganov**, Professor, Skolkovo Institute of Science & Technology; Member, Academia Europaea; Fellow, Royal Society of Chemistry and American Physical Society, Russia
- **Erik Grigorian**, Former Minister of Environment, Republic of Armenia; Founder & CEO, Environment Group, Armenia
- **Alma Donohoe**, CIO, Revery, UK
- **Rouben Indjikian**, Professor – Economics & Management and Lecturer – Trade Finance & Digital Economy, Webster University Geneva, Switzerland (live by video)

11.00–11.15

BREAK

Central Bank Training Centre
Atrium

11.15–11.35

FUTURE TALKS – A CONVERSATION BETWEEN:

Central Bank Training Centre
Ararat Hall

- **Peter Brabeck-Letmathe**, Chairman Emeritus, Nestlé, Switzerland (by video)

And:

- **H.E. Armen Sarkissian**, President, The Republic of Armenia

TIME

SUNDAY 24 OCTOBER

LOCATION

11.35–12.55

PLENARY SESSION V

Central Bank Training Centre
Ararat Hall

Future Scenarios - Global Megatrends & the World of Finance

The world is undergoing a radical transformation on the wave of global megatrends shaping the future. The consequences of climate change, aging populations and falling birth rates in developed countries, and shifting geopolitics are increasingly reshaping the nature of finance. On top of this, accelerated innovation in blockchain technology and machine learning is decentralizing banking and making financial tools, resources, products and investing more accessible.

1. What are the global megatrends defining possible futures?
2. How will the world of finance play out in these scenarios?
3. What will happen to our pension systems, welfare systems and other institutions that were built for a globalized, low interest rate and low inflation world?

Led by:

- **Martin Galstyan**, Governor, Central Bank of Armenia

With:

- **Florian Kronawitter**, Founder, White Square Capital and Next Economy Newsletter, UK (live by video)
- **James Zhan**, Director - Investment & Enterprise, United Nations Conference on Trade & Development, Switzerland (live by video)
- **Koba Gvenetadze**, Chairman of the Board & Governor, National Bank of Georgia, Georgia
- **Samvel Lazaryan**, Head, Centre for Macroeconomic Research - Financial Research Institute of the Ministry of the Finance of Russian Federation, Russia
- **Marc Uzan**, Founder & Executive Director, Reinventing Bretton Woods Committee, France (live by video)

12.55–13.15

FUTURE TALKS – A CONVERSATION BETWEEN:

Central Bank Training Centre
Ararat Hall

- **Kip Thorne**, Professor - Theoretical Physics, California Institute of Technology; Emeritus Nobel Prize Winner in Physics (2017), USA (by video)
- **Dan Shechtman**, Nobel Prize Laureate in Chemistry, Israel

And:

- **H.E. Armen Sarkissian**, President, The Republic of Armenia

13.15–14.15

FAREWELL LUNCH

Central Bank Training Centre
Canteen (2nd Floor)

14.30–16.30

TRANSFERS TO YEREVAN – DIRECT OR VIA HOTELS

For those wishing to return directly to Yerevan.

Central Bank Training Centre
Meeting Point at the Main
Entrance

14.30–17.00

TOURS IN OR AROUND DILIJAN

Outdoor
Meeting Point at the Main
Entrance of the Central Bank
Training Centre

Walking Tour & Hike

Jukhtak & Matosavank Monasteries ruins and forest.

Sightseeing Tour

Haghartsin Monastery and Parz Lake.

TIME	SUNDAY 24 OCTOBER	LOCATION
17.00–19.00	TRANSFERS TO YEREVAN – DIRECT OR VIA HOTELS For all remaining participants.	Central Bank Training Centre <i>Meeting Point at the Main Entrance</i>
19.45–20.15	TRANSFERS FROM HOLIDAY INN TO THE PRESIDENTIAL PALACE Important: for security reasons, please bring your official invitation card and your passport.	Holiday Inn Yerevan <i>Meeting Point in front of the Main Entrance</i>
20.30–22.30	RECEPTION AT THE PRESIDENTIAL PALACE Hosted by His Excellency President Armen Sarkissian for official guests – by invitation only.	Presidential Palace