



High-Level Session: Science Diplomacy and Systems Analysis

Tuesday 13 April 2021
13:30 – 14:45 (Moscow time)

MODERATOR

Anatoly Torkunov, Rector, Moscow State Institute of International Relations (MGIMO-University); Member, Collegium of the Ministry of Foreign Affairs of the Russian Federation; Full Member, Russian Academy of Sciences



Anatoly V. Torkunov is the Rector of Moscow State Institute of International Relations of the Ministry of Foreign Affairs of the Russian Federation (MGIMO-University).

He holds an MA and two doctoral degrees in History and Political Science from MGIMO-University. In 2008 Prof. Torkunov was elected a Full Member of the Russian Academy of Sciences.

He has the diplomatic rank of Ambassador Extraordinary and Plenipotentiary.

Prof. Anatoly V. Torkunov is a leading expert on Russian foreign policy, regional subsystems in Asia-Pacific Region and North-Eastern Asia, modern history of Korea, diplomatic history and practice. He is the author and co-author of more than 200 research papers. Several of them were published in the United States,

China, South Korea, Japan and other countries. His works made great contribution to historical analysis and Korean studies, developed new conceptual approaches to the settlement of Korean peninsula conflict.

Professor Torkunov is a Member and Head of section of the Academic Council at the Security Council of Russia, member of the Presidential Commission for Strategic Development of the Fuel and Energy Sector and Environmental Security. He holds positions of the Chairman of the UN Association of Russia; President of the Russian International Studies Association; Member of the Academic Council of the Security Council of the Russian Federation; Member of the Board of the Russian Diplomatic Association. He is Chairman of Moscow Region Civic Chamber, co-president of the Russian Historical Society, co-chairman of the Committee on difficult issues in the history of Russian-Japanese relations, co-president of the Russian-French Civil Societies Forum "Trianon Dialogue". He has received State awards of Russia, France, Poland, Republic of Korea, and other countries.



PANELISTS

Alexander Pankin, Deputy Minister of Foreign Affairs of the Russian Federation



Born in 1963.

1985: graduated from the Moscow State Institute of International Relations (MGIMO University) under the Ministry of Foreign Affairs. Fluent in English and Hungarian.

Since 1985: gained extensive experience working both in the Ministry's central office and abroad.

2001-2005: Senior Adviser with Russia's Permanent Mission to the UN and other international organizations in Geneva.

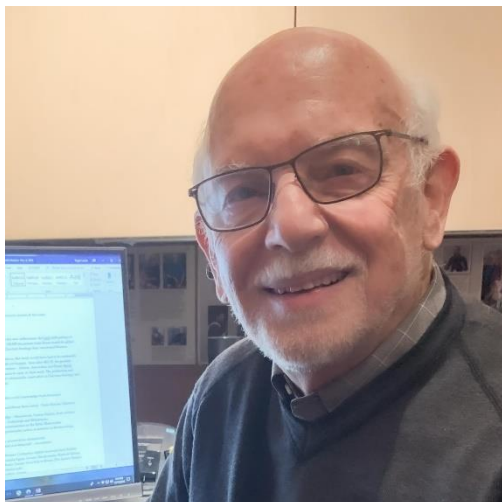
2005-2010: Deputy Director of the Department of International Organizations at the Foreign Ministry.

2010-2014: First Deputy Director of Russia's Permanent Mission to the UN in New York.

2014-2017: Director of the Department of International Organizations at the Foreign Ministry. Since 2016: member of the Foreign Ministry Collegium. Since October 2017: Deputy Foreign Minister.

Awards: letters of acknowledgement from the President and the Government of the Russian Federation and departmental awards. Holds the diplomatic rank of Ambassador Extraordinary and Plenipotentiary, First Class (conferred on August 15, 2013).

Roger Levien, the second Director of the International Institute for Applied Systems Analysis (1975-1981); President, Strategy and Innovation Consulting, USA



Dr. Roger Levien became Director of IIASA in 1975, after establishing the Handbook of Applied Systems Analysis project in 1974. During his tenure, IIASA undertook influential global system analyses on Energy Supply and Demand and on Global Food and Agriculture, both using international, interdisciplinary teams at IIASA and collaborating with research organizations from both sides of the Cold War divide. In 1977, he established the Young Scientist Summer Program (YSSP), which has over 1500 alumni worldwide.

Dr. Levien began his career in 1960 at The RAND Corporation, where he served as head of the System Sciences Department, Deputy Vice President, and Head of RAND's Washington Domestic Program Office. He led major studies of computer technology and educational policy, co-authoring two books: *The Emerging*

Technology and Research and Development Management. Dr. Levien joined the Xerox Corporation in 1982, where, as Corporate Vice President for Strategy and Innovation, he led strategic planning efforts that transformed Xerox from a copier to an information systems company.

In 1997 Dr. Levien founded Strategy & Innovation, a personal consultancy serving corporations and research organizations. Dr. Levien chaired a National Academy study on the future of the Internet and for the American Library Association prepared a major policy paper on the future of libraries that he is now expanding into a book. Dr. Levien holds a Ph.D. in Applied Mathematics (Computer Science) from Harvard University and a BS in Engineering from Swarthmore College, he is a member of the Connecticut Academy of Science and Engineering.

Systems Analysis in Eurasia



Alexei Gvishiani, Chief Scientist, Geophysical Center of the Russian Academy of Sciences; Full Member, Russian Academy of Sciences



Professor, Academician of the Russian Academy of Sciences (RAS), well-known scientist in mathematical geophysics, geomagnetism, geoinformatics and system analysis of geophysical data, the author of 440 scientific papers, including 16 monographs and 15 certificates of authorship. The main scientific results of Acad. Gvishiani: the theory of stability of dynamic classifications for geological and geophysical problems, systems clustering methods and recognition of abnormal areas on time series, discrete mathematical approach to the evaluation of magnetic activity, the family of voting algorithms to detect possible locations of strong, significant and strongest earthquakes. He revived and initiated the active development of the Russian segment of INTERMAGNET observatories in Russia and CIS countries.

Acad. Gvishiani is Chief Scientist of the Geophysical Center of RAS, Member of the Interdepartmental Coordination Council for International Scientific and Scientific-Technical Cooperation of the Presidium of RAS, Deputy Academician-Secretary of the Department of Earth Sciences of RAS, Chairman of the Scientific Council of RAS for the Studies of the Arctic and Antarctic, Chairman of the National Geophysical Committee of RAS, Deputy Chairman of the RAS Committee for Systems Analysis, Chief Editor of the "Russian Journal of Earth Sciences". Acad. Gvishiani is Full member of the European Academy of Sciences (Academia Europaea), Honorary Scholar of the International Institute for Applied Systems Analysis (IIASA), Honorary Member of the Romanian Academy of Engineering and Technical Sciences, Regular Member of the National Academy of Sciences of Ukraine; Professor of the Lomonosov Moscow State University and the Paris and Strasbourg Institutes of Physics of the Earth.

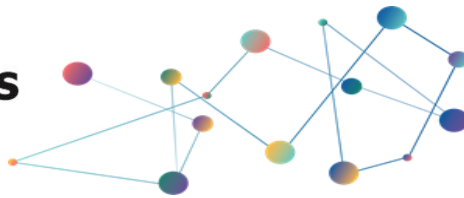
Albert van Jaarsveld, Director General and Chief Executive Officer, International Institute for Applied Systems Analysis (IIASA)



Dr. Albert van Jaarsveld obtained his PhD in Zoology from the University of Pretoria, pursued postdoctoral studies and research in conservation biology and global security in Australia and the UK respectively, and completed executive management training at Harvard University.

Prior to joining IIASA, van Jaarsveld was the Vice Chancellor and Principal of the University of KwaZulu-Natal in South Africa, and President and CEO of the South African National Research Foundation (NRF). His career in research, teaching, and leadership includes academic and management positions at the Universities of Pretoria and Stellenbosch as Dean of Science, and as Adjunct Professor: Environmental Studies Program at Dartmouth College, USA.

As Director General and CEO, van Jaarsveld is responsible for the formulation, management, and administration of all research programs and other activities at IIASA.



**Sir Peter Gluckman, Chair, International Network for Government Science Advice (INGSA);
President-Elect, International Science Council (ISC)**



Professor Sir Peter Gluckman ONZ KNZM FRSNZ FMedSci FRS is Director of Kōi Tū: The Centre for Informed Futures – at the University of Auckland, New Zealand. He is chair of the International Network of Government Science Advice (INGSA) and president-elect of the International Science Council (ISC).

From 2009-2018 he was first Chief Science Advisor to the Prime Minister of New Zealand. He has written and spoken extensively on science-policy and science-diplomacy and science-society interactions.

Trained as a paediatrician and biomedical scientist, Sir Peter holds a Distinguished University Professorship at the Liggins Institute, University of Auckland. He also holds honorary chairs in University College London, University of Southampton and National University of Singapore (where he acts as chief science

advisor to the Singapore Institute for Clinical Sciences).

He has published over 700 scientific papers in perinatal and developmental physiology, neuroscience and endocrinology, evolutionary biology and medicine. He has authored or co-authored both technical and popular science books including (with Mark Hanson) *Ingenious; the unintended consequences of human innovation* (Harvard 2020). He chaired the WHO Commission on Ending Childhood Obesity (2014-2017). Sir Peter has received the highest scientific and civilian honours in New Zealand and numerous international scientific awards. In 2016 he received the AAAS award in Science Diplomacy. He is a Fellow of the Royal Society of London and the Royal Society of New Zealand, a member of the National Academy of Medicine (USA) and a fellow of the Academy of Medical Sciences (UK).