

PROGRAM

International conference

EMERTECH 2018

**«EMERGING TECHNOLOGIES:
SOCIETAL CHALLENGES AND GLOBAL GOVERNANCE»**

Moscow, December, 13-14, 2018, IMEMO

DECEMBER, 13th (Thursday)

9.00-9.30 Registration and welcome coffee

9.30-10.00 Opening remarks:

- Alexander Dynkin, Academician of Russian Academy of Sciences, President, IMEMO (Russia)
- Mathew Burrows, Director of the Foresight, Strategy, and Risks Initiative of the Atlantic Council (USA)
- Gill Won Suh, Director of Korea-Russia Science and Technology Cooperation Center, (KORUSTEC)
- Leonid Drachevsky, Executive Director of Gorchakov Foundation for Public Diplomacy Support

10.00-11.30 Panel Section “Emerging Technologies: Challenges for Global Stability?”

Moderator: Mathew Burrows, Director of the Foresight, Strategy, and Risks Initiative of the Atlantic Council (USA)

Speakers:

- William Wohlforth, Professor, Dartmouth College (USA)
- Vincent Boulanin, Senior Fellow, Stockholm International Peace Research Institute SIPRI (Sweden)
- Robert Manning, Resident Senior Fellow, Scowcroft Center for Strategy and Security of the Atlantic Council (USA)
- Vadim Kozyulin, Project Director, PIR Center (Russia)
- Ozcan Saritas, Leading Research Fellow, Research Laboratory for Science and Technology Studies, Institute for Statistical Studies and Economics of Knowledge, National Research University Higher School of Economics (HSE)

11.30-11.50 Coffee break

11.50-13.20 Panel Section “Many Faces of Cybersecurity” in cooperation with PIR Center (Russian analytic think-tank in security studies)

- Cybersecurity challenges and threats: national vision in Americas, Europe, and Asia
- Technical and political dimensions of cybersecurity
- How to prevent international cyber-threats in the situation of lack of trust: institutions, agreements, ethics, codes?

Moderator: Albert Zulkharneev, Director, PIR Center (Russia)

Speakers:

- Christina Schori Liang, Senior Programme Advisor and Senior Fellow, Geneva Centre for Security Policy (Switzerland)
- Elena Chernenko, Deputy Head of the Foreign Policy Department, Kommersant Publishing House, member of the PIR Center Council (Russia)

- Sean Kanuck, Director of the Cyber, Space & Future Conflict, IISS-Americas(USA)
- Pavel Karasev, Senior fellow, IMEMO (Russia)
- Ping Lang , Senior Fellow, Institute of World Economics and Politics, Chinese Academy of Social Sciences (China)

13.25-14.45 Panel Section “Digital Future: Societal and Political Challenges”

- Historical challenges for employment and new trends in AI and robotics
- Which industries are most ready for robotization and intellectualization and which ones will become the main beneficiaries?
- Taxes, standards, technological and social policies: new requirements for decision-makers

Moderator: Ivan Danilin, Head of Science and Innovation Department, IMEMO

Speakers:

- Ivan Tselishchev, Professor, Niigata University of Management (Japan)
- Nakul Saxena, Director Public Policy, iSPIRT Foundation (India)
- Jianxiong Liu, Senior Fellow, Institute of Economic Studies, Chinese Academy of Social Sciences (China)
- Hongfei Yue , National Consultant, UNIDO (China)
- Albert Efimov, Head of Sberbank Robotics Laboratory (Russia)
- Olga Uskova, President, “Cognitive Technologies” Group (Russia)

14.45-15.40 Lunch

15.40-18.40 Panel Section “Energy, Environment and the Arctic” *in cooperation with KORUSTEC*

Moderator: Pavel Maryandyshev, Director, Higher School of Energy, Oil and Gas, Northern (Federal) University named after M.V. Lomonosov(Russia)

Opening report: Pavel Gudev, Leading Research Fellow, IMEMO (Russia)

Speakers:

- Sang-Hyup Lee, Director, Energy Division, National Research Foundation of Korea (Republic of Korea)
- Hong Kum Lee, Principal Researcher, Korea Polar Research Institute (Republic of Korea)
- Am Jang, Professor, Sungkyunkwan University (Republic of Korea)
- Sung Kyu Lee, Professor, Korea Energy Economics Institute (Republic of Korea)
- Pavel Maryandyshev, Director, Higher School of Energy, Oil and Gas, Northern (Federal) University named after M.V. Lomonosov (Russia)
- Yury Vasilyev, Director, Arctic Technologies Institute of Moscow Institute of Physics and Technology (Fiztech)(Russia)
- Mikhail Tyagunov, Professor, National Research University "MPEI" (Russia)
- Vasily Ustinov, Deputy Director, National Research Center "Kurchatov Institute" (Russia)
- Alexander Frolov, Assistant to the President, National Research Center "Kurchatov Institute" (Russia)

DECEMBER 14th (Friday)

9.30-10.00 Registration and welcome coffee

10.00-11.30 Panel Section “Science Diplomacy in the Times of Technological Revolution”

Moderator: Grigoriy Trubnikov, Academician of Russian Academy of Sciences, First Deputy Minister of Science and Higher Education of Russian Federation,

Speakers:

- Bhaskar Balakrishnan, Science Diplomacy Fellow & Former Ambassador of India, Research and Informations System for Developing Countries (RIS) (India)
- Effrosyni Chelioti, Head of Communication & External Affairs, Helmholtz Association (Germany)
- Tagir Aushev, Corresponding member of Russian Academy of Sciences, Head of the Project Office for support of realization of the Russian Federation Strategy for Science and Technology Development, Head of the Laboratory at Moscow Institute of Physics and Technology (Fiztech) (Russia)
- Paul Berkman, Professor, Tufts University (USA)
- Sang Joon Lee, Professor, Kookmin University (Republic of Korea)

11.35-13.35 Plenary session “Global Institutions and Governance in the Age of Technology Revolution: Are We Prepared?”

Moderator: Alexander Dynkin, Academician of Russian Academy of Sciences, President, IMEMO (Russia)

Speakers:

- Anatoly Torkunov, Academician of Russian Academy of Sciences, Rector of the Moscow State Institute of International Relations (MGIMO University) (Russia)
- Mathew Burrows, Director of the Foresight, Strategy, and Risks Initiative of the Atlantic Council (USA)
- Vladislav Panchenko, Academician of Russian Academy of Sciences, Chairman of the Board, Russian Foundation for Basic Research (Russia)
- Andrey Klepach, Deputy CEO, Chief Economist of Vnesheconombank (Russia)
- Christina Schori Liang, Senior Programme Advisor and Senior Fellow, Geneva Centre for Security Policy (Switzerland)
- Igor Paunovic, Chief, Office of the Director, Division on Globalization and Development Strategies (GDS), UNCTAD

13.35-13.45 Concluding remarks

- Alexander Dynkin, Academician of Russian Academy of Sciences, President, IMEMO (Russia)
- Mathew Burrows, Director of the Foresight, Strategy, and Risks Initiative of the Atlantic Council (USA)

13.45-14.30 Lunch