



Associated sessions organized by HSE Institute for Statistical Studies and Economics of Knowledge

Venue: Moscow, National Research University Higher School of Economics, Myasnitskaya st., 11, 20

Conference web site: <https://conf.hse.ru/en/2018/>

Programme

April 11, 2018	
<p>Science and Technology Foresight Venue: Myasnitskaya st., 11, room 325 Working languages: English and Russian with simultaneous translation</p>	
9.30 – 10.00	Registration
<p>National and International S&T Foresight Chair: Leonid Gokhberg (HSE, Russia)</p>	
10.00 – 11.30	<p>The future of Foresight <i>Ozcan Saritas (HSE, Russia)</i></p> <p>Identifying global trends for Foresight studies <i>Yulia Milshina (HSE, Russia)</i></p> <p>Identifying emerging markets: Potential of S&T Foresight <i>Alexander Chulok (HSE, Russia)</i></p> <p>History of Foresight in the Canadian Government – Timelines and lessons learned <i>Jonathan Calof (University of Ottawa, Canada; HSE, Russia)</i></p> <p>Discussant: <i>Jonathan Linton (HSE, Russia; Sheffield University, UK)</i></p>
11.30 – 12.00	Coffee break
<p>Sectoral and Regional Foresight Chair: Alexander Sokolov (HSE, Russia)</p>	
12.00 – 13.30	<p>Ecosystem models as a forecasting tool for high-tech industries <i>Dmitry Belousov (Centre for Macroeconomic Analysis and Short-term Forecasting, Russia), Alexander Gromov (HSE, Russia)</i></p> <p>Transformation of energy systems – Where are we going? <i>Juergen-Friedrich Hake (Institute for Energy and Climate Research, Germany)</i></p> <p>Development of methodology for identifying cross-technologies in the designing of intersectoral road maps <i>Daniil Botman (HSE, Russia)</i></p> <p>Building future vision and strategies at the local level</p>

	<p><i>Kuniko Urashima (National Institute of Science and Technology Policy, Japan)</i></p> <p>Discussant: <i>Yury Dranev (HSE, Russia)</i></p>
13.30 – 15.00	Lunch
<p>S&T Foresight Methodology</p> <p>Chair: Kuniko Urashima (National Institute of Science and Technology Policy, Japan)</p>	
15.00 – 16.30	<p>Big data augmented horizon scanning: Combination of quantitative and qualitative methods for strategic and marketing analytics <i>Pavel Bakhtin (HSE, Russia)</i></p> <p>Technology roadmaps for managing company's innovative development: Why do we need a corporate standard? <i>Lyubov Matich (HSE, Russia)</i></p> <p>Integrating technology readiness levels with Foresight activities <i>Jonathan Linton (HSE, Russia; Sheffield University, UK)</i></p> <p>Discussant: <i>Ozcan Saritas (HSE, Russia)</i></p>
16.30 – 17.00	Coffee break
<p>Foresight and Digital Economy</p> <p>Chair: Jonathan Linton (HSE, Russia; Sheffield University, UK)</p>	
17.00 – 18.30	<p>Exploring scenarios for the future of digital transformation <i>Duncan Cass-Beggs (OECD) (via video conferencing)</i></p> <p>Digital transformation of traditional economic sectors: International experience and Russian practice <i>Konstantin Vishnevsky (HSE, Russia)</i></p> <p>Drivers and barriers to the development of smart cities <i>Natalia Veselitskaya (HSE, Russia)</i></p> <p>Do network effects explain the patterns of cryptocurrencies adoption? Evidence from Bitcoin and Ethereum Markets <i>Yury Dranev (HSE, Russia)</i></p> <p>Discussant: <i>Dirk Meissner (HSE, Russia)</i></p>

April 12, 2018	
<p>Science, Technology and Innovation Policy</p> <p>Venue: Myasnitskaya st., 11, room 325</p> <p>Working languages: English and Russian with simultaneous translation</p>	
9.30 – 10.00	Registration
<p>Science, Technology and Innovation Policy: Modern Models and Practices</p> <p>Chair: Wolfgang Polt (Joanneum Research, Austria)</p>	
10.00 – 11.30	<p>Approaches to STI policy evaluation in Russia <i>Mikhail Gershman (HSE, Russia)</i></p> <p>Future oriented STI policy analysis <i>Dirk Meissner (HSE, Russia)</i></p> <p>Russia's S&T policy in the 2010s: Transforming approaches and new practices <i>Yury Simachev (HSE, Russia)</i></p> <p>Virtues and drawbacks of mission-oriented public innovation policies to stimulate private sector innovation <i>Georg Licht (Centre for European Economic Research, Germany)</i></p> <p>Discussant: <i>Vitaliy Roud (HSE, Russia)</i></p>
11.30 – 12.00	Coffee break
<p>Science, Technology and Innovation Policy: Markets, Sectors, and Innovation Actors</p> <p>Chair: Georg Licht (Centre for European Economic Research, Germany)</p>	
12.00 – 13.30	<p>Technological upgrading of sectors through the prism of shifting firm-level innovation strategies <i>Vitaliy Roud (HSE, Russia)</i></p> <p>High-Tech start-ups in unlikely places <i>Sami Mahroum (INSEAD, United Arab Emirates)</i></p> <p>The challenge of new sectors of production <i>James Woudhuysen (London South Bank University, UK)</i></p> <p>Determinants of innovation networking strategy: Choice of channels, geographical proximity and duration <i>Valeriya Vlasova (HSE, Russia)</i></p> <p>Discussant: <i>Yury Simachev (HSE, Russia)</i></p>
13.30 – 15.00	Lunch

Science, Technology and Innovation Policy: New Analytical Approaches and Indicators Chair: Mlungisi Cele (Department of Science and Technology, Republic of South Africa)	
15.00 – 16.30	<p>Generic indicators of system resilience for data-driven STI policy <i>Sergey Bredikhin (HSE, Russia)</i></p> <p>Foresight-based approaches to identifying priorities for S&T cooperation <i>Maxim Kotsemir (HSE, Russia)</i></p> <p>Ensuring compatibility of S&T programmes and R&D projects <i>Vitaly Dementiev (HSE, Russia)</i></p> <p>Identifying skills needs for science and technology priorities: the case of biotechnology <i>Alina Lavrinenko, Natalia Shmatko (HSE, Russia)</i></p> <p>Discussant: <i>James Woudhuysen (London South Bank University, UK)</i></p>
16.30 – 17.00	Coffee break
Science, Technology and Innovation Policy: Cooperation and International Practices Chair: Ozcan Saritas (HSE, Russia))	
17.00 – 18.30	<p>South Africa's S&T policy developments <i>Mlungisi Cele (Department of Science and Technology, Republic of South Africa)</i></p> <p>In chase of leaders: Comparative analysis of Russian NIS dynamics <i>Ekaterina Islankina, Evgeny Kutsenko (HSE, Russia)</i></p> <p>Mission-oriented STI Policies for the Future – what lessons from the past? <i>Wolfgang Polt (Joanneum Research, Austria)</i></p> <p>Discussant: <i>Sami Mahroum (INSEAD, United Arab Emirates)</i></p>

April 13, 2018

Foresight of the Russian S&T Strategy Priorities

Chair: Alexander Chulok (HSE, Russia)

Venue: Myasnitskaya st., 20, room 228

Working language: Russian

9.30 – 10.00	Registration and coffee
10.00 – 11.30	<p>Welcome and introduction</p> <p><i>Magomed Mintshev (Ministry of Education and Science of the Russian Federation)</i></p> <p>S&T Strategy of the Russian Federation. Goals, tasks and action plan <i>Andrey Anikeev (Ministry of Education and Science of the Russian Federation)</i></p> <p>Intelligent big data analysis for assessment of markets and identification of prospective products for the S&T Strategy's priorities <i>Ilya Kuzminov (HSE, Russia)</i></p> <p>Prospective products and services for the S&T Strategy's priority 20a "Transition to advanced smart digital manufacturing, multi-robot systems, new materials and construction modes, big data systems, machine learning and artificial intelligence" <i>Kuzma Kukushkin (Peter the Great St.Petersburg Polytechnic University, Russia)</i></p> <p>Scientifically grounded suggestions on possible S&T support programs that provide for the implementation of the S&T Strategy priority 20b "Transition to environment friendly and resource saving energy industry, increased efficiency of extraction and deep processing of hydrocarbons, mastering new sources, means of transportation and storage of energy" <i>Marina Dilman (Institute for Energy Research of the Russian Academy of Sciences, Russia), Vladimir Chervyakov (National Research Nuclear University "MEPhI", Russia)</i></p> <p>Prospective products and services for the S&T Strategy priority implementation 20c "Transition to personalized medicine, high-tech healthcare and health-saving technologies, inter alia, through rational use of medication (primarily antibacterial)" <i>Victoria Serebryakova (Tomsk National Research Medical Center of the Russian Academy of Sciences, Russia)</i></p> <p>Trends, uncertainties and barriers for the implementation of the S&T Strategy priority 20d "Transition to highly productive and environment friendly agri- and aqua production, development and implementation of systems for rational application of chemical and biological crop and animals protection devises and substances, storage and efficient processing of agricultural products, creation of safe high-quality food, including functional nutritional food" <i>Anastasia Kamionskaya (Federal Research Center "Fundamentals of Biotechnology" of the Russian Academy of Sciences, Russia)</i></p> <p>Discussant: Alexander Sokolov (HSE, Russia)</p>

