



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

Venue: HSE, Myasnitskaya st., 11, room 325

Working languages: English and Russian with simultaneous translation

Conference web site: <https://conf.hse.ru/en/2017/>

Science and Technology Foresight April 12, 2017	
9.30 – 10.00	Registration
National S&T Foresight <i>Chair: A. Sokolov (HSE, Russia)</i>	
10.00 – 11.30	<p>Current trends and directions of S&T policy in Russia <i>S. Matveev (Ministry of Education and Science of the Russian Federation)</i></p> <p>S&T Foresight in Russia: experience, trends and perspectives <i>A. Chulok (HSE, Russia)</i></p> <p>Global challenges and trends in S&T <i>Yu. Milshina (HSE, Russia)</i></p> <p>10th Japanese Foresight: key messages <i>K. Urashima (NISTEP, Japan)</i></p> <p>Smart roadmapping for STI Policy <i>D. Meissner (HSE, Russia)</i></p>
11.30 – 12.00	Coffee break
Sectoral Foresight <i>Chair: M. Santos (CGEE, Brazil)</i>	
12.00 – 13.30	<p>Roadmaps for aircraft industry in Russia <i>M. Klubova (HSE, Russia)</i></p> <p>The future of assistive technologies <i>V. Salun (HSE, Russia)</i></p> <p>The future of energy: renewables, carbon capture and use, storage <i>J.-F. Hake (Institute of Energy and Climate Research, Systems Analysis and Technology Evaluation, Research Center Jülich, Germany), H. Schlör (Institute of Energy and Climate Research, Systems Analysis and Technology Evaluation, Research Center Jülich, Germany)</i></p> <p>Renewable energy foresight: scenarios and policy implications for Russia <i>L. Proskuryakova (HSE, Russia)</i></p>
S&T Foresight Methodology <i>Chair: K. Urashima (NISTEP, Japan)</i>	
15.00 – 16.30	<p>A new matrix for evaluation of economic sectors based on input-output statistics <i>Yu. Dranev (HSE, Russia), I. Ivanova (HSE, Russia)</i></p> <p>Network analyses of documents as supporting tools for evidence-based decision making in STI policies <i>J. Maia (CGEE, Brazil)</i></p>

	<p>Foresight of skills for transport sector <i>N. Shmatko (HSE, Russia)</i></p> <p>Scenarios of technology roadmap application in large companies <i>L. Matich (HSE, Russia)</i></p>
16.30 – 17.00	Coffee break
Foresight in BRICS Countries Chair: A. Chulok (HSE, Russia)	
17.00 – 18.30	<p>S&T priorities for BRICS countries: in search of a win-win strategy <i>A. Grebenyuk (HSE, Russia), S. Shashnov (HSE, Russia)</i></p> <p>CGEE as a provider of intelligence services for the Brazilian STI system <i>M. Santos (CGEE, Brazil)</i></p> <p>STI Foresight for South Africa: goals, objectives, and methodology <i>O. Saritas (HSE, Russia)</i></p> <p>Using scientometric indicators for analysis of S&T development in BRICS countries <i>K. Fursov (HSE, Russia), M. Kotsemir (HSE, Russia)</i></p>
Science, Technology and Innovation Policy April 13, 2017	
9.30 – 10.00	Registration
Science, Technology and Innovation Policy – 1 Chair: N. Vonortas (The George Washington University, USA; HSE, Russia)	
10.00 – 11.30	<p>Next generation of STI policy – Foresight for national knowledge innovation system frameworks <i>M. Cervantes (Directorate for Science, Technology and Innovation, OECD, France)</i></p> <p>Science-industry link in Russian manufacturing <i>V. Vlasova (HSE, Russia), V. Roud (HSE, Russia)</i></p> <p>Professional transfer of knowledge into industry – Best Practices <i>R. Hilbig (RWTH Aachen University, Germany), D. Greis (RWTH Aachen University, Germany)</i></p> <p>Government funding of applied research in Russia and measures to stimulate private investment in the development and implementation of national technologies <i>P. Rudnik (HSE, Russia)</i></p>
11.30 – 12.00	Coffee break
Science, Technology and Innovation Policy – 2 Chair: D. Meissner (HSE, Russia)	
12.00 – 13.30	<p>Knowledge production function in the Russian industrial production – a horizon of 16 years <i>V. Roud (HSE, Russia)</i></p> <p>Are science cities fostering firm innovation? Evidence from Russia's regions <i>P. Zacchia (IMT School for Advanced Studies Lucca, Italy), H. Schweiger (European Bank for Reconstruction and Development, UK), A. Stepanov (European Bank for Reconstruction and Development, UK)</i></p> <p>Human resources related aspects of state S&T policy in Russia: results of empirical research <i>S. Zaichenko (HSE, Russia)</i></p> <p>Effective R&D spending under state programmes as an instrument of efficient STI Policy <i>V. Dementyev (HSE, Russia)</i></p>

International workshop
“The Next Production Revolution:
Outcomes of the OECD Global Project and Opportunities for Russia”
April 13, 2017

15.00 – 15.15	<p>Welcome address</p> <p><i>L. Gokhberg (HSE, Russia)</i> <i>V. Osmakov (Ministry of Industry and Trade of the Russian Federation)</i> <i>A. Kozyrev (Ministry of Telecom and Mass Communications of the Russian Federation)</i></p>
15.15 – 17.40	<p>Part 1. The Next Production Revolution: Experience of the OECD and Russia</p>
15.15 – 16.15	<p>The Next Production Revolution: implications for STI policy <i>M. Cervantes (Directorate for Science, Technology and Innovation, OECD, France)</i></p> <p>Transition from the information era to the “Age of the mind”: a window of opportunity for emerging economies <i>B. Onaral (School of Biomedical Engineering, Science & Health Systems, Drexel University, USA)</i></p> <p>EURECOM: connecting academic excellence, industry and international education <i>U. Finger (Graduate School and Research Center in Digital Sciences EURECOM, France)</i></p> <p>Considering the broader context of the New Industrial Revolution <i>O. Saritas (HSE, Russia)</i></p>
16.15 – 16.30	<p>Q&A Session Panel discussion</p>
16.30 – 17.15	<p>Global technology trends and prospects for industrial revolution in Russia <i>K. Vishnevskiy (HSE, Russia)</i></p> <p>Support of technology and innovation development in Russia: policy, initiatives, projects <i>A. Shadrin (Department for Strategic Development and Innovation, Ministry of Economic Development of the Russian Federation)</i></p> <p>National Technology Initiative as a tool of global leadership in production technologies <i>A. Borovkov (Peter the Great St. Petersburg Polytechnic University, Russia)</i></p>
17.15 – 17.30	<p>Q&A Session Panel discussion</p>
17.30 – 17.50	<p>Coffee break</p>
17.50 – 19.00	<p>Part 2. Round table “The Next Production Revolution: Industrial and STI Policy Issues” Moderators: <i>O. Saritas (HSE, Russia), K. Vishnevskiy (HSE, Russia)</i></p>
17.50 – 18.50	<p>Questions for discussion:</p> <ul style="list-style-type: none"> ➤ Which new production systems will emerge? ➤ Which global trends of the next production revolution are of the highest relevance for Russia? ➤ What would be the future opportunities and challenges for Russia in the new industrial era? ➤ What are the main barriers impeding the development of new production technologies in Russia? How to overcome them?

	<ul style="list-style-type: none"> ➤ How can the OECD experience spur Russia's innovation and technology development? ➤ What technology areas need priority state support? ➤ What managerial instruments and practices may prove most effective? ➤ What are key areas of Russia-OECD cooperation in advanced production? <p>Invited participants: I. Agamirzyan (HSE, Russia), G. Andrushchak (Russian Venture Company, Russia), V. Antipov (All-Russian Scientific Research Institute of Aviation Materials, Russia), S. Chernyshev (Central Aerohydrodynamic Institute named after N. Zhukovsky, Russia), I. Dolmatov (HSE, Russia), A. Fertman (Skolkovo Foundation, Russia), E. Kudryashov (Central Scientific Research Automobile and Automotive Engine Institute "NAMI", Russia), D. Ivanov (Research and Production Association "Saturn", Russia), A. Klepach (Bank for Development and Foreign Economic Affairs – Vnesheconombank, Russia), B. Onaral (School of Biomedical Engineering, Science & Health Systems, Drexel University, USA), A. Ponomarev (Skolkovo Institute of Science and Technology, Russia), Yu. Simachev (HSE, Russia), D. Stupin (Moscow Institute of Physics and Technology, Russia), K. Sypalo (National Research Center "Zhukovsky Institute", Russia), L. Vodovatov (Bank for Development and Foreign Economic Affairs – Vnesheconombank, Russia)</p>
18.50 – 19.00	Wrapping up and closing remarks
International workshop "Universities, Inclusive Development and Social Innovation» April 14, 2017	
9.30 – 10.00	Registration
10.00 – 10.15	Welcome and introduction <i>C. Brundenius (Lund University, Sweden), L. Gokhberg (HSE, Russia)</i>
10.15 – 11.45	Universities as actors of inclusive development in Russia <i>S. Zaichenko (HSE, Russia)</i>
	Social innovation and inclusive development at Brazilian universities <i>T. Renault (Fluminense Federal University, Brazil)</i>
	University – industry collaboration: empirical evidence from Brazil <i>N. Vonortas (The George Washington University, USA; HSE, Russia)</i>
	Social innovation and social inclusiveness at universities in Latvia <i>A. Adamsone-Fiskovica (Baltic Studies Centre, Latvia)</i>
	Universities, inclusive development and social innovation: is that debate relevant in Cuba? <i>G. Figueroa (Center for Development Research, University of Bonn, Germany)</i>
11.45 – 12.00	Coffee break
12.00 – 13.00	Discussion
13.00 – 13.30	Summing up and next steps