



**Ministry of Education and Science  
of the Russian Federation**



**NATIONAL RESEARCH  
UNIVERSITY**



**Asia-Pacific  
Economic Cooperation**

INTERNATIONAL ACADEMIC CONFERENCE  
**FORESIGHT AND STI POLICY**

**November 18–20, 2015**

**National Research University Higher School of Economics**

**11 Myasnitskaya Street, Moscow, Russia  
Room 518**

**Programme**

**November 18, 2015**

**Room 518, 11 Myasnitskaya Street, Moscow**

<b>10.00</b>	<b>Welcome coffee</b>
<b>10.30</b>	<b>Panel discussion: The main principles of priority setting in the science and technology sector</b>  <b>Welcome and introduction</b> <b>Lyudmila Ogorodova</b> , Ministry of Education and Science of the Russian Federation <b>Leonid Gokhberg</b> , National Research University Higher School of Economics (HSE)  <b>Agenda:</b> <ul style="list-style-type: none"><li>– <b>Approaches to priority setting in science and technology sector: concentration of resources and the balance of interests of society, business, and government</b></li><li>– <b>Science and technology sector: solving national problems and providing export potential for the medium and long term</b></li></ul> <b>Issues for discussion:</b> <ul style="list-style-type: none"><li>– <b>What challenges must Russian science meet?</b></li><li>– <b>How does international cooperation help Russian science meet those challenges?</b></li><li>– <b>Should Russian long-term S&amp;T strategy include a section on innovations? Or should innovation policy issues be considered within separate thematic documents?</b></li></ul> <b>Participants:</b> <b>Igor Agamirzyan</b> , Russian Venture Company; <b>Michail Akim</b> , ABB Russia; <b>Sergey Aldoshin</b> , Russian Academy of Sciences; <b>Oleg Alekseev</b> , Renova; <b>Vladimir Ivanov</b> , Russian Academy of Sciences; <b>Vladimir Knyagin</b> , Center for Strategic Research Foundation; <b>Tatyana Kuznetsova</b> , HSE; <b>Vyacheslav Pershukov</b> , Rosatom; <b>Alexey Ponomarev</b> , Skolkovo Institute of Science and Technology; <b>Yuri Simachev</b> , Russian Science Foundation; <b>Artem Shadrin</b> , Ministry of Economic Development of the Russian Federation; <b>Alexander Sokolov</b> , HSE
<b>12.30</b>	<b>Coffee break</b>

**Working language: Russian**

**November 19, 2015**

**Room 518, 11 Myasnitskaya Street, Moscow**

9.40	<b>Welcome and introduction to the conference</b> <b>Leonid Gokhberg</b> , National Research University Higher School of Economics (HSE), Russia
<b>Session 1: S&amp;T Foresight</b> <b>Chair: Philip Shapira</b> , Georgia Institute of Technology (GeorgiaTech), USA; University of Manchester, UK	
10.00	<b>Ted Fuller</b> , University of Lincoln, UK <b>Trends in futures studies methodologies</b>
10.25	<b>Marcio de Miranda Santos</b> , Centre for Strategic Studies and Management (CGEE), Brazil <b>Monitoring and analyzing STI global and national trends – tools and methods to dealing with large amounts of data</b>
10.50	<b>Jonathan Linton</b> , University of Ottawa, Canada; HSE Institute for Statistical Studies and Economics of Knowledge (ISSEK), Russia <b>Marina Klubova, Anastasia Edelkina</b> , HSE ISSEK, Russia <b>Oleg Karasev</b> , HSE ISSEK; Lomonosov Moscow State University, Russia <b>Matching Market Pull and Technology Push</b>
11.15	<b>Jonathan Calof</b> , University of Ottawa, Canada <b>Gaining insight into markets - environmental scanning, foresight and intelligence practices in Europe</b>
11.40	<b>Coffee break</b>
12.00	<b>Joshua Polchar</b> , OECD Directorate for Science, Technology and Innovation <b>Multilingual meta-scanning on the next production revolution</b>
12.25	<b>Ozcan Saritas, Pavel Bakhtin, Anna Sokolova</b> , HSE ISSEK, Russia <b>Technology trendspotting</b>
12.50	<b>Ilya Kuzminov</b> , HSE ISSEK, Russia <b>Text mining: full-text analysis and ontology building</b>
13.15	<b>Jose Cordeiro</b> , Singularity University, USA; Venezuela Node of The Millennium Project <b>State of the Future Index by the Millennium Project</b>
13.40	<b>Lunch</b>
<b>Session 2: S&amp;T Foresight (continued)</b> <b>Chair: Ted Fuller</b> , University of Lincoln, UK	
14.40	<b>David Sarpong</b> , University of the West England, UK; HSE ISSEK, Russia <b>Strategic Foresight in practice</b>
15.05	<b>Kuniko Urashima</b> , National Institute of Science and Technology Policy (NISTEP), Japan <b>10th Japanese Foresight</b>
15.30	<b>Epaminondas Christofilopoulos</b> , Greek Node of the Millennium Project; Praxi Network, Greece <b>China 2025: research &amp; innovation landscape – trends &amp; scenarios</b>
15.55	<b>Alexander Chulok</b> , HSE ISSEK, Russia <b>Russian Foresight 2040: methodological approaches</b>
16.20	<b>Coffee break</b>
16.50	<b>Sarah Cheah</b> , National University of Singapore, Singapore <b>Foresight of service systems</b>
17.15	<b>Ricardo Seidl da Fonseca</b> , Consultant on Foresight, Austria <b>STI in Senegal towards 2035: an agenda for inclusive and sustainable development</b>
17.40	<b>Discussion</b>

**Working languages: English and Russian (simultaneous translation)**

**November 20, 2015**

**Room 518, 11 Myasnitskaya Street, Moscow**

<b>Session 3. STI Policy</b> <b>Chair: Jonathan Linton, University of Ottawa, Canada; HSE ISSEK, Russia</b>	
<b>10.00</b>	<b>Philip Shapira, Georgia Institute of Technology (GeorgiaTech), USA; University of Manchester, UK</b> <b>Implementing responsible research and innovation: early insights from synthetic biology</b>
<b>10.25</b>	<b>Nicholas Vonortas, The George Washington University, USA; HSE ISSEK, Russia</b> <b>STI policy instruments for public research – the meaning/impact of policy evaluation</b>
<b>10.50</b>	<b>Konstantin Fursov, HSE ISSEK, Russia</b> <b>Assessing productivity of public research institutions: findings from national evaluation exercise</b>
<b>11.15</b>	<b>Coffee break</b>
<b>11.45</b>	<b>Attila Havas, Institute of Economics, Centre for Economic and Regional Studies, Hungarian Academy of Sciences, Hungary</b> <b>Structural changes in the national innovation systems of the EU10 countries</b>
<b>12.10</b>	<b>Vitaly Roud, HSE ISSEK, Russia</b> <b>Measuring heterogeneous demand on innovation policy instruments</b>
<b>12.35</b>	<b>Jeong Dong Lee, Seoul National University, Korea</b> <b>Evolution of South Korean STI</b>
<b>13.00</b>	<b>Erkan Erdil, Middle East Technical University (METU), Turkey</b> <b>Innovation and institutional environment: Turkish STI policies</b>
<b>13.30</b>	<b>Lunch</b>

**Working languages: English and Russian (simultaneous translation)**

## **STI Cooperation in APEC Region**

**Room 518, 11 Myasnitskaya Street, Moscow**

<b>Session 4. Development of methodology and analysis of STI cooperation in APEC region</b> <b>Chair: Leonid Gokhberg, HSE, Russia</b>	
<b>15.00</b>	<b>Galina Sagieva, Elena Nechaeva, HSE ISSEK, Russia</b> <b>International STI cooperation in APEC region: key characteristics and composite scores</b>
<b>15.30</b>	<b>Anna Pikalova, HSE ISSEK, Russia</b> <b>Maxim Kotsemir, HSE ISSEK, Russia</b> <b>Identifying priorities of Russia's international S&amp;T cooperation: countries and thematic areas</b>
<b>16.00</b>	<b>Coffee break</b>
<b>16.30</b>	<b>Round table: Discussion on effective support instruments of international STI cooperation</b> <b>Issues for discussion:</b> <ul style="list-style-type: none"><li>– <b>International STI cooperation: challenges and opportunities</b></li><li>– <b>National support instruments of international STI cooperation</b></li><li>– <b>Recommendations to foster international STI cooperation in the APEC region</b></li></ul> <b>Participants: Nikolay Toyvonen, Ministry of Education and Science of the Russian Federation; Andrey Polyakov, Ministry of Education and Science of the Russian Federation; Maxim Romanov, Ministry of Economic Development of the Russian Federation; Yutaka Hara, Embassy of Japan to the Russian Federation; Chao-Ming Fu, Taipei-Moscow Economic and Cultural Coordination Commission; H.E. Rubén Beltrán, Embassy of the United Mexican States to the Russian Federation; Tatiana Kuznetsova, HSE ISSEK, Russia; Anna Pikalova, HSE ISSEK, Russia; Galina Sagieva, HSE ISSEK, Russia; participants from APEC economies</b>
<b>18.00</b>	<b>Wrapping up and closure</b>

**Working languages: English and Russian (simultaneous translation)**