



Human Capital  
Multidisciplinary  
Research Center



UNESCO Chair  
on Future Studies



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# XII

INTERNATIONAL ACADEMIC CONFERENCE

**FORESIGHT AND SCIENCE,  
TECHNOLOGY AND  
INNOVATION POLICY**

November

**22–25**

**2022**

**NATIONAL RESEARCH UNIVERSITY  
HIGHER SCHOOL OF ECONOMICS**

## **PROGRAMME**

WORKING LANGUAGES:  
RUSSIAN, ENGLISH  
(SIMULTANEOUS TRANSLATION)

ONLINE WEBINAR  
PLATFORM

THE CONFERENCE IS ORGANISED IN THE FRAMEWORK OF A RESEARCH GRANT FUNDED BY THE MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE RUSSIAN FEDERATION (GRANT ID: 075-15-2022-325)

RUS ENG

November 22, 15:00–17:00 (Moscow time)

[Link](#)

**Session 1: The Digital Economy Future, Achievements Prospects for Cooperation of BRICS Countries**

**Co-Chairs: Konstantin Vishnevskiy, Mikhail Komarov, HSE, Russia**

15:05-15:20	<b>Konstantin Vishnevskiy, Sofya Privorotskaya</b> <i>HSE, Russia</i> Digital Technology Development Trajectories: Drivers and Barriers
15:25-15:40	<b>Cláudio S. de Lucena Neto</b> <i>Paraíba State University, Brazil</i> Artificial Intelligence: Strategic Initiatives and Regulatory Perspectives
15:45-16:00	<b>Ajay Mishra</b> <i>Accenture, India</i> Development Prospects of 5G/6G in India
16:05-16:20	<b>Yang Yang</b> <i>Terminus Group, China</i> Development Prospects of 5G/6G in China
16:25-16:40	<b>Nurcan Kilinc-Ata</b> <i>Al-Qasimia University, UAE</i> Reviewing the Energy's Digitalization's Opportunities, Obstacles, and Future Directions
16:45-17:00	<b>Discussion and Wrap-up</b>

RUS ENG

November 22, 17:15–18:45 (Moscow time)

[Link](#)

**Session 2: What Attracts High-Tech Companies: the Role of Universities and Venture Capital**

**Chair: Evgeniy Kutsenko, HSE, Russia**

17:20-17:35	<b>Bruno Fischer</b> <i>University of Campinas, Brazil</i> "On the Foundations of Entrepreneurial Ecosystems" Dimensions: Sources of Heterogeneous Configurations
17:40-17:55	<b>Georgiy Bobylev</b> <i>Institute for Economics and Industrial Engineering SB RAS, Russia</i> Analysis of Universities Role in the Creation of the "Techuspeh" Ranking Companies
18:00-18:15	<b>Kirill Tyurchev</b> <i>HSE, Russia</i>

	A Study of Cross-Country VC Funding of Unicorn Companies: Preliminary Results
18:20-18:35	<b>Tatiana Ostashenko</b> <i>HSE University, Russia</i> Study of the Unicorn Companies Migration
18:35-18:45	<b>Discussion and Wrap-up</b>

## RUS ENG November 23, 10:00–11:30 (Moscow time)

[Link](#)

### Round Table: S&T Foresight for the Eurasian Economic Union

**Chair: Maxim Ivanov**, *Eurasian Economic Commission*

Issues for discussion:

- Trends and prospects of technology development
- Future markets of innovative goods and services
- Priorities for technology cooperation in the framework of the Eurasian Economic Union
- Technology Foresight for the Eurasian Economic Union:2040-2060

10:05-10:20	<b>Maxim Ivanov</b> <i>Eurasian Commission</i> Future Innovative Markets and Priorities for Technological Development of the Eurasian Union
10:20-10:40	<b>Alexander Sokolov</b> <i>HSE, Russia</i> Technology Foresight: Methods, Organisation and Best Global Practices
10:40-11:30	<b>Discussion</b> <i>Participants from Armenia, Belarus, Kazakhstan, Kyrgyzstan, Russia</i>

## RUS ENG November 23, 11:40–13:15 (Moscow time)

[Link](#)

### Session 3: Foresight

**Chair: Jose Cordeiro**, *Global Futures Studies and Research Center “The Millennium Project”, USA*

11:45-12:00	<b>Oleg Metsik</b> <i>L.N. Gumilyov Eurasian National University, Kazakhstan</i> New Professions Landscape through the Foresight Prism
12:05-12:20	<b>Surachai Sathitkunararat</b> <i>APEC Center for Technology Foresight, Thailand</i>

	Circular Economy Technology Foresight in APEC
12:25-12:40	<b>Ozcan Saritas</b> <i>HSE, Russia</i> Evolution of Foresight: Evidence from Scientific Publications
12:45-13:00	<b>Alexander Chulok</b> <i>HSE, Russia</i> Foresight for Innovation Ecosystems at National, Regional and Corporate Levels: Key Drivers and Tasks
13:05-13:15	<b>Discussion and Wrap-up</b>

**RUS ENG November 23, 13:30–14:45 (Moscow time)**

[Link](#)

**Session 4: Foresight**

**Chair: Alexander Chulok, HSE, Russia**

13:35-13:50	<b>Fabienne Goux-Baudiment</b> <i>Research Centre for Futures Studies “proGective”, France</i> Future of Ocean
13:55-14:10	<b>Jose Cordeiro</b> <i>Global Futures Studies and Research Center “The Millennium Project”, USA</i> The Future of Human Space Exploration: Mars and Beyond
14:15-14:30	<b>Yulia Milshina</b> <i>HSE, Russia</i> Wild Cards: an Approach to Taxonomy
14:35-14:45	<b>Discussion and Wrap-up</b>

**RUS ENG November 23, 15:00–17:00 (Moscow time)**

[Link](#)

**Special workshop: Prospects of Science and Technology in BRICS Countries**

**Chair: Alexander Sokolov, HSE, Russia**



15:05-15:20	<b>Yuan Like</b> <i>Chinese Academy of Science and Technology for Development, China</i>
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	From Foresight to Selection: Think about the Future Technology Trends and Roadmap
15:25-15:40	<b>Gautam Goswami</b> <i>Technology Information, Forecasting and Assessment Council, Department of Science and Technology, India</i> Climate Change Challenges – a S&T Foresight Analysis
15:45-16:00	<b>Anna Grebenyuk</b> <i>HSE, Russia</i> Global Prospects of Human Capital
16:05-16:20	<b>Mlungisi Cele</b> <i>National Advisory Council on Innovation, Republic of South Africa</i> Towards South Africa's Science Technology Innovation Enabled Inclusive and Sustainable Socioeconomic Development
16:25-16:40	<b>Valdir Ermida</b> <i>Oswaldo Cruz Foundation FioCruz, Brazil</i> VigIA Project - Artificial Intelligence Applied to Horizon Scanning for Emerging and Re-emerging Diseases
16:45-17:00	<b>Discussion and Wrap-up</b>

**RUS ENG November 23, 17:10–18:30 (Moscow time)**

[Link](#)

**Session 5: Foresight**

**Chair: Ozcan Saritas, HSE, Russia**

17:15-17:30	<b>Jonathan Calof</b> <i>University of Ottawa, Canada; HSE, Russia</i> Creating Foresight that Impact Senior Managers - Results from a Canadian Study of Government Foresight Leaders
17:35-17:50	<b>Vadim Tarasov</b> <i>Sechenov University, Russia</i> The Future of Drug Design: First Results of a Foresight Study
17:55-18:10	<b>Jean Paul Pinto</b> <i>Laboratory for Imagination and Materialization of the Future, Ecuador</i> The Use of Science Fiction in Foresight
18:15-18:30	<b>Discussion and Wrap-up</b>

**RUS ENG November 24, 11:20–13:00 (Moscow time)**

[Link](#)

## Session 6: Foresight

Chair: Anna Grebenyuk, HSE, Russia

11:25-11:40	<b>Yadviga Radomirova</b> <i>HSE, Russia</i> The Future of Food: Prospects of Alternative Proteins Market Development
11:45-12:00	<b>Mohamed Ramadan A. Rezk</b> <i>Egyptian Science, Technology and Innovation Observatory (ESTIO), Academy of Scientific Research and Technology, Egypt</i> Science and Technology Foresight in Egypt: History and State-of-the-Art
12:05-12:20	<b>Joe Ravetz</b> <i>University of Manchester, UK</i> Beyond 'Islands of Learning': Living Labs, Foresight 3.0 and the 'Future of Science'
12:25-12:40	<b>Ibon Zugasti</b> <i>The Millennium Project, Spain</i> Five UN Foresight Elements of Our Common Agenda: Results of a Real-Time Delphi Study
12:45-13:00	<b>Discussion and Wrap-up</b>

RUS ENG

November 25, 17:00–18:35 (Moscow time)

[Link](#)

## Session 7: Managing National Innovation System Development and Economic Growth

Chair: Dirk Meissner, HSE, Russia

17:05-17:20	<b>Attila Havas</b> <i>Institute of Economics, Hungarian Academy of Sciences, Hungary</i> Innovation Indicators: their Relevance for Assessing Innovation Performance, Advancing Theory Development, and Assisting Policy Formation
17:25-17:40	<b>Valeriya Vlasova, Anastasia Saprykina</b> <i>HSE, Russia</i> National Innovation System Performance and Economic Growth: Links and Cross-Country Diversity
17:45-18:00	<b>Veneta Andonova</b>

*University of Los Andes, Colombia*

Interactions between National Innovation Systems and Entrepreneurial Ecosystems

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18:05-18:20

**Edmundo Inacio Junior**

*University of Campinas, Brazil*

The Global Entrepreneurship Index as a Benchmarking Tool? Criticisms from an Efficiency Perspective

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18:25-18:35

**Discussion and Wrap-up**