October 28, 2024

11:00-12:30 (MSK UTC+3)	**Session 1: Future Skills in S&T**
	Chair: *Sofia Chernogortseva*, *HSE University*, *Russia*
11:05-11:20	**Andrey Selskiy**, HSE University, Russia
	Growing the Corporate Human Resources Potential through the Foresight of Innovative Competencies
11:25-11:40	**Tatyana Volkova**, PJSC Polyus, Russia
	Foresight as a Long-Term Human Capital Planning Tool: Polyus Case
11:45-12:00	**Yulia Belova**, **Natalia Shmatko**, HSE University, Russia
	Facing New Challenges in Industrial Robotics: What Technological Competencies Do Engineers Need?
12:05-12:20	**Younes Bennane**, Social and Media Studies Institute, Morocco
	The Role of Emerging Competencies Evaluation in Fostering Innovation and Sustainable Development: A Holistic Perspective and Future Strategies
12:20-12:30	**Discussion & wrapping up**

12:40-14:10 (MSK UTC+3)	**Session 2: Foresight of Artificial Intelligence**
	Chair: *Olesya Maibakh*, *HSE University*, *Russia*
12:45-13:00	**Konstantin Vishnevsky**, HSE University, Russia
	Foresight of Research Areas in AI
13:05-13:20	**Ibon Zugasti**, Millennium Project, Spain
	Artificial General Intelligence (AGI) Global Governance
13:25-13:40	**Alexey Naumov**, HSE University, Russia
	Key Agenda of Research in Artificial Intelligence
13:45-14:00	**David Wood**, Millennium Project, UK
	The Future of Artificial Intelligence: Which Scenarios Deserve Most Attention?
14:00-14:10	**Discussion & wrapping up**
14:20-17:10 (MSK UTC+3)	**Session 3: Special Workshop: Prospects of Science and Technology in BRICS Countries**
	Chair: *Alexander Sokolov*, *HSE University*, *Russia*
14:25-14:40	**Yuan Like**, Chinese Academy of Science and Technology for Development, China
	Open Foresight: Application and Experience in China
14:45-15:00	**Gautam Goswami**, Technology Information, Forecasting and Assessment Council, Department of Science and Technology, India
	Climate Change Challenges – a S&T Foresight Analysis
15:05-15:20	**Yulia Milshina**, **Anna Grebenyuk**, HSE University, Russia
	Wild Cards: Technology-based Responses
15:25-15:40	**Mlungisi Cele**, National Advisory Council on Innovation, Republic of South Africa
	Deepen and Accelerate Knowledge and Innovation Led Inclusive and Sustainable Development
15:45-16:00	**Fernando Rizzo**, CGEE, Brazil
	BRICS Strategic Collaborations on Priority Themes
16:05-16:20	**Mohamed Ramadan Rezk**, Egyptian Science, Technology and Innovation Observatory, Egypt
	Exploring Future Pathways for Strengthening STI Collaboration between Egypt and BRICS
16:25-16:40	**Reza Hafezi**, National Research Institute for Science Policy, Iran
	Science and Technology Foresight Programs in Iran: History, Opportunities and Lessons
16:45-17:00	**Sergei Revin**, LLC Space Regatta Consortium; Yu.A. Gagarin Research and Test Cosmonaut Training Center
	Artificial Illumination from Space for BRICS Countries
17:00-17:10	**Discussion & wrapping up**

17:20-18:50 (MSK UTC+3)	**Session 4: Science Fiction as a Tool for Futures Studies**
	Chair: *Alexander Sokolov*, *HSE University*, *Russia*
17:25-17:40	**Jean Paul Pinto**, Laboratory for Imagination and Materialization of the Future, Ecuador
	The Use of Science Fiction in Foresight
17:45-18:00	**Olesya Maibakh**, HSE University, Russia
	Technologies of the Future in Post-1990s Science Fiction: A Case Study
18:05-18:20	**Thomas Lombardo**, Center for Future Consciousness, USA
	The Value of Science Fiction in the Heightening of our Consciousness of the Future
18:25-18:40	**Jose Cordeiro**, Millennium Project Node, Venezuela
	Sir Arthur C. Clarke and the Final Odyssey
18:40-18:50	**Discussion & wrapping up**

October 29, 2024

11:20-12:50 (MSK UTC+3)	**Session 5: Evaluation of Science, Technology and Innovation Policies**
	Chair: *Mikhail Gershman*, *HSE University*, *Russia*
11:25-11:40	**Marina Evseeva**, **Yulia Belova**, HSE University, Russia
	Linkages between R&D Cooperation Policy and Innovative Capabilities of Firms
11:45-12:00	**Elena Kameneva**, HSE University, Russia
	The Role of Government Support Measures in Stimulating Growth of Private R&D Expenditures: a Firms' Perspective
12:05-12:20	**Vitaliy Dementyev**, HSE University, Russia
	An Approach to Mapping and Assessing Policy Measures Aimed to Support R&D-Intensive Technologies
12:30-12:45	**Caetano Penna**, CGEE, Brazil
	Ex-ante Evaluation of Science, Technology and Innovation Policies for Decarbonization and Climate Resilience: a Framework and Case Studies
12:45-12:50	**Discussion & wrapping up**

13:10-14:40 (MSK UTC+3)	**Session 6: From Data to Decisions: AI for Business Applications** Chair: *Konstantin Vishnevsky*, *HSE University*, *Russia*
13:15-13:30	**Seyed Hassan Hosseini**, Sharif University of Technology, Iran; **Fatemeh Masdari**, University of Münster, Germany
	Artificial Intelligence, Moral Agency, and Moral Responsibility
13:35-13:50	**Lyubov Matich**, Sberbank Research and Innovation, Russia
	Redefining Productivity with AI Helpers
13:55-14:10	**Maria Antasheva**, HSE University, Russia
	Big Data Analysis for White Spots Identification in Business
14:15-14:30	**Cesar Costa**, **Eduardo Moresi**, **Jackson Maia**, **Kleber Alcanfor**, CGEE, Brazil
	Artificial Intelligence Video Summarization for Business Applications
14:30-14:40	**Discussion & wrapping up**
15:00-16:00 (MSK UTC+3)	**Special Session: HSE Global Cities Innovation Index 2024 International Launch** Chair: *Evgeniy Kutsenko*, *HSE University*, *Russia* **Ekaterina Ivanova**, **Tatyana Ostashchenko**, **Victoria Boos**, **Kristina Boyakova**, **and Kirill Tyurchev**, HSE University, Russia What changes have occurred in the global innovation landscape?
16:10-17:40 (MSK UTC+3)	**Discussion: How HSE GCII can benefit government, business, and innovators?** Chair: *Evgeniy Kutsenko*, *HSE University*, *Russia* **Questions for discussion:** • What are the key takeaways from this year's report? • Which cities have had the most impressive or surprising success? • What are the main challenges cities face in improving their innovation attractiveness? • How can be established effective collaboration between innovators to achieve technological and creative development goals? • What role do public policies and government initiatives play in fostering an innovation-friendly environment in cities? **Invited Discussants – Members of the HSE GCII Advisory Board:** **Keun Lee**, Seoul National University, Republic of Korea **Marcus T. Anthony**, Beijing Institute of Technology in Zhuhai, China **Steven Griffiths**, American University of Sharjah, UAE **Michael Kahn**, Stellenbosch University, South Africa **Mlungisi Cele**, National Advisory Council on Innovation, South Africa **Iwao Ohashi**, Industrial Parks and Special Economic Zones of Russia, Russia

	Kuniko Urashima, Nagoya University, Japan
	Mohamed Ramadan A. Rezk, Academy of Scientific Research and Technology, Egypt
	Fernando Rizzo, Center of Management and Strategic Studies, Brazil
	Muddassar Sarfraz, Zhenjian Shuren University, China
	Ozcan Saritas, Rochester Institute of Technology of Dubai, UAE
	Surachai Sathitkunarat, APEC Center for Technology Foresight, Thailand
	Jonathan Calof, University of Ottawa, Canada
	Up to 7 minutes per speaker