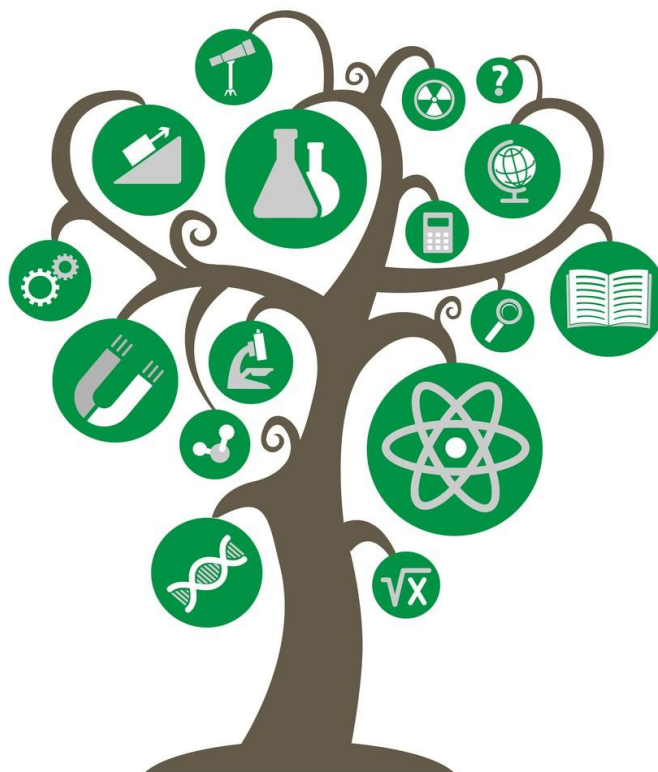


**IRKUTSK SCIENTIFIC CENTER  
SIBERIAN BRANCH OF  
THE RUSSIAN ACADEMY OF SCIENCES  
DIVISION OF SCIENCE, EDUCATION AND EXPERT ASSESSMENT**



**MULTIDISCIPLINARY ACADEMIC RESEARCH CONFERENCE  
«Science Present and Future: Research Landscape in the 21st Century»**

**Programme**

**May 23, 2024**

**Registration – 8.30**

**Opening of the Conference – 9.00**

**Welcome speech**

**Alexey A. Levchuk**, Acting Director, ISC SB RAS, Ph.D. (Technical Sciences)



### **Session 1. Life-sciences on the Cutting Edge of Science**

**Thursday, 23 May 2024**

**Venue: Room 115**

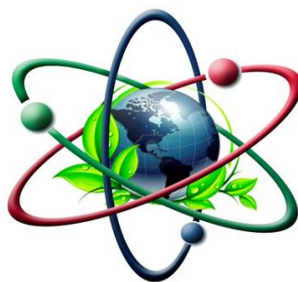
**Time: 9.15 – 11.20**

**Moderator:**

**Nadezhda N. Efimova**, Ph.D. (Philology), Associate Professor, ISC SB RAS

1	<b>Alexey A. Chernikh</b> IEC SB RAS, Irkutsk	Integrated Interpretation of Seismology and Magnetotelluric Sounding to Build Geological and Geophysical Depth Models
2	<b>Maksim D. Maraev</b> FSBSI ESIMER, Angarsk	Leading Markers of Metabolic Disorders and Endothelial Dysfunction in Patients With Occupational Bronchopulmonary Pathology
3	<b>Nikita N. Michurin</b> SIPPB SB RAS, Irkutsk	Crossdating Issues of Spruce and Larch Wood Samples From the Zhombolok Lava Field
4	<b>Sergey S. Salatin</b> IG SB RAS, Irkutsk	Settlement System of a Municipal District as a Subject of Scientific Research
5	<b>Lyubov P. Shashkeeva</b> IEC SB RAS, Irkutsk	Integrated Geological-Geophysical Models of Hydrothermal Systems of the Baikal Rift Zone
6	<b>Maria Ol. Shchepina</b> FSBSI ESIMER, Irkutsk	Molecular Genetic Markers as Diagnostic and Prognostic Tools for Vibration Disease
7	<b>Konstantin P. Yuriev</b> IG SB RAS, Irkutsk	ESG Concept: Modern Realities and Challenges of the Future
8	<b>Andrey A. Vanin</b> IEC SB RAS, Irkutsk	The Main Causes of Salt Formation on Downhole Equipment During Oil Production





## Session 2. Technical Innovations: Outcomes and Prospects

Thursday, 23 May 2024

Venue: Room 115

Time: 11.20 – 12.30

Moderator:

**Elena P. Mariasova**, Senior Lecturer, Research Assistant, ISC SB RAS

1	<b>Alexander V. Gavrilov</b> ISTP SB RAS, Irkutsk	Fault Location on Branched Distribution Networks
2	<b>Faina R. Kuklina</b> ISTP SB RAS, Irkutsk	Application of Electromagnetic Sounding in the Territory of the Munsky Vault of the Anabar Antecline
3	<b>Ilya D. Motyk</b> ISTP SB RAS, Irkutsk	Energy Release During a Decay Phase of Solar Flares
4	<b>Dmitry A. Shubin</b> ISTP SB RAS, Irkutsk	Observations of Long-Lived ULF Waves in the Earth's Magnetosphere According to Satellite Data From the THEMIS Mission
5	<b>Ekaterina A. Voronova</b> ISTP SB RAS, Irkutsk	Diurnal Characteristics Variations of Sporadic Layer Es Over Irkutsk
6	<b>Shakhboz Sh. Xushvaktov</b> INRTU, Irkutsk	Application of Environmentally Friendly Technologies in Gas Production in Surkhandarya Region (Uzbekistan)
7	<b>Agegnehu K. Yoshe</b> AMI; INRTU, Irkutsk	Assessment of Human-induced Evapotranspiration With Grace Satellites in the Catchment Area of Lake Baikal





### Session 3. Linguistics and Language Acquisition

Thursday, 23 May 2024

**Venue:** Room 115

**Time:** 13.00 – 15.30

**Moderator:**

Nadezhda N. Efimova, Ph.D. (Philology), Associate Professor, ISC SB RAS

1	<b>Darya A. Budaeva</b> ISC SB RAS, Irkutsk	Optimizing Scientific Communication: Using Chat GPT in Scientific Writing
2	<b>Egor A. Denisov</b> ISC SB RAS, Irkutsk	Features of Formation of Intercultural Competence at the Lesson of Foreign Languages (English and Russian)
3	<b>Ekaterina V. Karpets</b> ISC SB RAS, Irkutsk	A Set of Exercises for the Formation of Voice Understanding in the RFL Course (Based on the Material of Scientific and Technical Literature)
4	<b>Darya A. Khmelevskikh</b> ISC SB RAS, Irkutsk	NLP Tools in Teaching Chinese Students Russian for Specific Purposes
5	<b>Viktor K. Kropochev</b> ISC SB RAS, Irkutsk	On Heterogeneity of the Economic Discourse
6	<b>Oksana V. Lovchagina</b> ISC SB RAS, Irkutsk	Terminological Dissonance as a Problem for the Development of an Integrated Learning Environment
7	<b>Balzhima V. Turtueva,</b> <b>Yufei Bian</b> INRTU, Irkutsk	Translation Dominants of Video Lectures (On The Experience of Translation From Russian Into Chinese)
8	<b>Ekaterina D. Volgina,</b> <b>Anna Yu. Suslova</b> BIBS, ISU, Irkutsk	Project Team Leadership: Challenges and Management Skills
9	<b>Galina P. Yakobchuk</b> INRTU BS BRICS, Irkutsk	Emotive Linguistics: Exploring Cultural Perspectives Through Language
10	<b>Aleksandra A. Zabolotskaia</b> ISU, Irkutsk	The Concept of a TEACHER in the Chinese Language Worldview

#### 15.30 - Closing of the Conference

**Nataliya A. Sverdlova**, Head of the Division of Science, Education and Expert Assessment, Ph.D. (Philology), Associate Professor, ISC SB RAS

