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# PROGRAM OF EVENTS

**International Perm Forum**

«**Science and global challenges of the XXI century»**

**October 18-23, 2021**

**Perm time is indicated (Moscow time + 2 hours)**

**The entrance to the territory of the PSU is strictly according to the lists!**

|  |  |
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| **Time** | **Event** |
| **October 18 (Monday)** | |
| 8:30 – 9:00 | Opening of the forum  (academic Council Hall, building 1, room 424, on-line broadcast on the PSU YouTube channel) |
| 9:00 – 10:00 | Plenary report  **Luis de Lecea**  “Manipulation of brain states”  Stanford, CA, US  (academic Council Hall, building 1, room 424, on-line broadcast on the PSU YouTube channel) |
| 10:00 – 10:40 | Plenary report  **Oleg Figovsky**  “Science and global challenges of the XXI century”  Israeli Association of Inventors, Haifa, Israel  (academic Council Hall, building 1, room 424, on-line broadcast on the PSU YouTube channel) |
| 10:40 – 11:00 | Coffee break |
| 11:00 – 19:00 | International Conference «Fundamental and applied aspects of bioinformatics, biotechnology and subsoil management» (academic Council Hall, building 1, room 424, on-line broadcast on the PSU YouTube channel) |
| 15:00 – 19:00  15:00 – 15:30 | International Conference «Smart Innovations and Technologies in Linguistics»  (conducted on the ZOOM Internet platform)  Plenary report  **Jan Engberg**  “Specialized Knowledge Transfer and Popularization: Innovative Approaches to Fighting Challenges of Social Trust”  Aarhus University, Denmark |
| 15:15 – 18:30 | International scientific and practical conference «Economic Science in the context of Global Challenges: Realities, Forecasts», section “Smart Technology & Innovations: Impact on Different Sides of the Sustainable Development & Economic Security of Enterprises”  (conducted on the ZOOM Internet platform) |
| 15:15 – 20:00 | All-Russian scientific and practical conference of young scientists with international participation «Mathematics and interdisciplinary research - 2021»  (conducted on the ZOOM Internet platform) |

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| **October 19 (Tuesday)** | |
| 10:30 – 10:40 | Opening speech |
| 10:40 - 11:20 | Plenary report  **Kuyukina Maria Stanislavovna**, Professor, Perm State University, Perm, Russia  “Advantages of *Rhodococcus* actinobacteria for environmental biotechnology”  (conducted on the ZOOM Internet platform, on-line broadcast on the PSU YouTube channel) |
| 11:20 - 12:00 | Plenary report  **Bozhenyuk Alexander Vitalievich**, Professor of the Southern Federal University, Taganrog, Russia  “Decision-making based on fuzzy graph models”  (conducted on the ZOOM Internet platform, on-line broadcast on the PSU YouTube channel) |
| 12.00 - 12.40 | Plenary report  **Gorkhmaz Imanov**  “Fuzzy estimation level of a country's development”  Azerbaijan National Academy of Sciences, Baku  (conducted on the ZOOM Internet platform, on-line broadcast on the PSU YouTube channel) |
| 12:40 – 13:00 | Plenary report  **Sergey V. Petoukhov**  Mechanical Engineering Research Institute of Russian Academy of Sciences, Moscow  “Symmetries, genetic languages, holography and algebraic harmony in genetics”  (conducted on the ZOOM Internet platform, on-line broadcast on the PSU YouTube channel) |
| 12:40 – 13:10 | Coffee break |
| 13.10 – 13.30 | Plenary report  **Riabtseva Nadezhda Konstantinovna**, head of the Sector of the Institute of Linguistics of the Russian Academy of Sciences (Moscow)  “Contemporary science language: National and international traditions and innovations”  (conducted on the ZOOM Internet platform, on-line broadcast on the PSU YouTube channel) |
| 13:30– 14:10 | Plenary report  **Massimo Squillante**  Full Professor in "Mathematical Methods in Economics, Finance and Actuarial Sciences"  (conducted on the ZOOM Internet platform, on-line broadcast on the PSU YouTube channel) |
| 10:00 – 19:00 | International Conference «Fundamental and applied aspects of bioinformatics, biotechnology and subsoil management» **Eduard A. Korkotian**, PhD, Professor of Neurobiology, The Weizmann Institute, Rehovot, Israel.  “Nano-architecture of synaptic memory”  (Building 1, room 422) |
| 15:00 – 19:00 | International Conference «Smart Innovations and Technologies in Linguistics»  (conducted on the ZOOM Internet platform) |
| 15:15 – 20:00 | All-Russian scientific and practical conference of young scientists with international participation «Mathematics and interdisciplinary research - 2021»  (conducted on the ZOOM Internet platform) |
| **October 20 (Wednesday)** | |
| 09:00 – 19:00 | Scientific school «Cultural Heritage in the Digital Dimension» (conducted on the ZOOM Internet platform) |
| 10:00 – 15:00 | All-Russian scientific and practical conference «Infocommunications: safety, reliability, efficiency»  (Building 2, room 507) |
| 10:00 – 13:00 | Round table «Modern Studies of Geographical Systems» (conducted on the ZOOM Internet platform) |
| 13:00 – 19:00 | International Conference «Fundamental and applied aspects of bioinformatics, biotechnology and subsoil management»  (Building 1, room 422, remote connection is provided) |
| 15:15 – 20:00 | All-Russian scientific and practical conference of young scientists with international participation «Mathematics and interdisciplinary research - 2021»  (conducted on the ZOOM Internet platform) |
| 15:15 – 18:30 | International scientific and practical conference «Economic Science in the context of Global Challenges: Realities, Forecasts», section “Cross-cutting technologies of the digital economy”  (Building 12, room 109, remote connection is provided) |
| **October 21 (Thursday)** | |
| 09:00 – 19:00 | Scientific school «Cultural Heritage in the Digital Dimension» (conducted on the ZOOM Internet platform) |
| 09:30 – 14:15 | All-Russian scientific-practical conference «Language of modern science»  (conducted on the ZOOM Internet platform) |
| 10:00 - 13:00 | International scientific and practical conference «Economic Science in the context of Global Challenges: Realities, Forecasts», section “University Integration into the International Scientific space”  (conducted on the ZOOM Internet platform) |
| 10:00 – 19:00 | All-Russian scientific and practical conference «Perm system of the Earth Globe - 180 years»  (Building 1, room 422, remote connection is provided) |
| 10:00 – 13:00 | International scientific and practical conference «Economic Science in the context of Global Challenges: Realities, Forecasts», section “Management in the Era of Digital Economy Transformation”  (conducted on the ZOOM Internet platform) |
| 11:00 – 14:00 | The seventh all-Russian scientific and practical conference «Artificial intelligence in solution relevant social and economic problems XXI century»  Round table "Teaching artificial intelligence methods in higher education"  (conducted on the ZOOM Internet platform) |
| 15:15 – 20:00 | The seventh all-Russian scientific and practical conference «Artificial intelligence in solution relevant social and economic problems XXI century» (Main session)  (conducted on the ZOOM Internet platform) |
| **October 22 (Friday)** | |
| 09:00 – 19:00 | Scientific school «Cultural Heritage in the Digital Dimension» (conducted on the ZOOM Internet platform) |
| 10:00 – 18:30 | Anthropology of Science: Scientific Knowledge in the History of Generations, Schools, Participatory Cultures, and Academic Practices  (Building 2, room 517) |
| 10:00 – 14:15 | All-Russian scientific-practical conference «Language of modern science»  (conducted on the ZOOM Internet platform) |
| 11:30 – 18:30 | All-Russian conference with international participation «Man in the world, world in man: through innovation to sustainable development»  (conducted on the ZOOM Internet platform) |
| 14:00 – 16:00 | International scientific and practical conference «Economic Science in the context of Global Challenges: Realities, Forecasts», section “Marketing transformation in a globally changing economy”  (Building 1, room 422, remote connection is provided) |
| 15:00 – 20:00 | The seventh all-Russian scientific and practical conference «Artificial intelligence in solution relevant social and economic problems XXI century» (Springer- speakers)  (conducted on the ZOOM Internet platform) |
| **October 23 (Saturday)** | |
| 10:00 – 17:00 | All-Russian conference with international participation «Man in the world, world in man: through innovation to sustainable development»  (conducted on the ZOOM Internet platform) |
| 10:00 – 17:00 | Anthropology of Science: Scientific Knowledge in the History of Generations, Schools, Participatory Cultures, and Academic Practices  (Building 2, room 517, remote connection is provided) |

# All-Russian scientific-practical conference «Language of modern science»

**October 21 – 22**

A detailed program of the conference is sent to the participants by the organizers.

The conference is held on the ZOOM Internet platform

The program specifies Perm time (Moscow time + 2 hours)

Conference rules: speech - 15 min., answers to questions - 5 min.

**October 19**

Report at the plenary session of the forum

13:10 – 13:30 **Riabtseva Nadezhda Konstantinovna**, head of the Sector of the Institute of Linguistics of the Russian Academy of Sciences (Moscow)

Contemporary science language: National and international traditions and innovations

**October 22**

10:00 *Springer-speaker*: Sergei Grichin - Scientific data as a tool of linguistic interpretation (Novosibirsk) (eng)

10:20 *Springer-speaker*: Yuliya Ridnaya - The Integrated Model as a Basis for Teaching Academic Writing in the Context of Globalization (Novosibirsk) (eng)

10:40 *Springer-speaker*: Elena Bazhenova - Evaluation of the Preceding Knowledge as Reflection of the Trends in Contemporary Scientific Language (Perm) (eng)

11:00 *Springer-speaker*: Irina Avkhacheva - Hedging in Scientific Discourse: Comparative Analysis of English and Russian Traditions in Academic Writing (Perm) (eng)

11:20 *Springer-speaker*: Marina Solnyshkina - Technologies of Assessing and Enhancing Cohesion of Instructional and Narrative Texts (Kazan) (eng)

11:40 *Springer-speaker*: Maria Vasilchenko - Current Problems of Studying Academic Communication in Contemporary Russian and English Studies (Moscow) (eng)

**12:00 – 12:20 Coffee break**

12:40 *Springer-speaker*: Evgeniya Basovskaya - Dialogue and Dialogization in Modern Russian Scientific Journalism (Moscow) (eng)

13:20 *Springer-speaker*: Ekaterina Petkova - The Role of Illusory Knowledge in the Structure of a Scientific Text (Perm) (eng)

14:00 **Discussion**

# All-Russian conference with international participation «Man in the world, world in man: through innovation to sustainable development»

**October 22 – 23**

A detailed program of the conference is sent to the participants by the organizers.

**October 22**

11:30 – 15:00 plenary session - presentation by the authors of the Scopus collection

Speakers:

1. *Springer-speaker*: **Vladimir Beresnev** - Innovative technology for sociocultural analysis of the political festival (eng)
2. *Springer-speaker*: **Konstantin Chedov** - An innovative approach to cluster interaction of social institutions in the regional educational space: fostering the culture of health among students (eng)
3. *Springer-speaker*: **Alexander Vnutskikh** - Animated Series as format of digital philosophy (eng)
4. *Springer-speaker*: **Anastasiia Kostareva** - Mass intellect control in modern epoch: focus on Russia (eng)
5. *Springer-speakers*: **ElenaChetina, Tamara Vavilina** - “The Decline of the West” and cultural identity of the modernity (eng)
6. *Springer-speaker*: **Natalia Okonskaya** - Consciousness and the Brain: New Research Horizons (eng)
7. *Springer-speaker*: **Liubava Puzireva** - Human-robot interaction: perception and reflection (eng)
8. *Springer-speaker*: **Viacheslav Abramenko** - Artificial Intelligence as the Possible Third Front of Humanity (eng)

15:30 – 18:30 off-sectional activities

16:30  *Springer-speaker*: **Michael Losavio** - Artificial Intelligence, Smart Technologies and the Internet of Things: Caution with the Safety, Security and Privacy Eco-system (eng)

15:30 – 18:30 work of sections - reading room, building 2, room 418

15:30 – 18:30 work of sections - building 1, room 419

**23 октября**

10:00 – 13:00  off-sectional activities

10:00 – 13:00  work of sections

10:00 – 13:00  work of sections

14:00 – 17:00  off-sectional activities

# International scientific and practical conference «Economic Science in the context of Global Challenges: Realities, Forecasts»

**October 18 – 22**

A detailed program of the conference is sent to the participants by the organizers.

**Smart Technology & Innovations: Impact on Different Sides of the Sustainable Development & Economic Security of Enterprises**

October 18, 15:15 – 18:30

Building 12, room 308

Curator – Pashchenko T.V.

Speakers:

1. *Springer-speaker*: **Aliya Teymurova** – The concept of the integrated enterprise security under the existence of global problems and smart technologies (eng)
2. *Springer-speaker*: **Mikhail Gorodilov** – Procurements: Government Regulation to Reduce the Risk of Fraud in the Context of Information Technology Development (eng)
3. *Springer-speaker*: **Anna** **Bolshakova** – Impact of environmental smart innovation, systems and technologies on the level of sustainable development (eng)

**End-to-end technologies of the digital economy**

**(Cross-cutting technologies of the digital economy)**

October 20, 15:15 – 18:30

Building 12, room 109

Curator – Radionova M.V.

Speakers:

1. *Springer-speaker*: **Marina Radionova** – Methods of Machine Learning in Assessing the Financial State of an Enterprise (eng)
2. *Springer-speaker*: **Oksana Butorina** – Digital economy as an independent phase of the macroeconomic cycle modern transformation (eng)
3. *Springer-speaker*: **Robert Garafutdinov** – An Optimal Investment Portfolio Constructed with Fractal Analysis and Long Memory Models (eng)

**Management in the Era of Digital Economy Transformation**

October 21, 10:00 – 13:00

Building 12, room 316

Curator – Oshchepkov A.M.

Speakers:

1. *Springer-speaker*: **Svetlana Sokerina** – Innovative-oriented enterprise: success factors in future (eng)
2. *Springer-speaker*: **Mikhail Plotnikov** – Innovative Behavior of Russian Industrial Companies (eng)
3. *Springer-speaker*: **Marina Shchelkanova** – Import of Innovative Equipment as a Growth Factor of a Firm's Foreign Economic Activity (eng)
4. *Springer-speaker*: **Elena Volk** - Innovative approaches in the crisis management of a hotel enterprise (eng)

**University Integration into the International Scientific space**

October 21, 10:00 – 13:00

Building 12, room 308 (online)

Curator – Chuchulina E.V.

Speakers:

1. *10.00 Springer-speaker*: **Ekaterina Chuchulina** – Smart learning technologies as a factor of university integration into the world higher education market (eng)
2. 11.00 “Meet the Editors of the Journal of Management Education Management Teaching Review” Professional Development Workshop, *Springer-speaker*: Paul Donovan, *MTR* Associate Editor Maynooth University, Ireland, (eng).

**Marketing transformation in a globally changing economy**

October 22, 14:00 – 16:00

Building 1, room 422

Curator – Antineskul E.A.

The time limit of the speech is 15 minutes. The answer to the questions is 5 minutes.

Speakers:

1. **14.00-14.20 Mónica Gómez Suárez** – Retail technologies in Covid-19 times (eng)
2. **14.20-14.40** *Springer-speaker*: **Evgenia Kerzina** – Smart Innovation, Systems and Technologies in Marketing Psychological Research of the Perceived Food Quality (eng)
3. **14.40-15.00** *Springer-speaker*: **Ksenia Novikova** – Unique Assortment as a Key Factor of Local Food Retail’s Competitiveness Increase (eng)
4. **15.00-15.20** *Springer-speaker*: **Ekaterina Antineskul** – The Influence of The Content Of Social Networks on SMART-eco’ Behavior (eng)
5. **15.20-15.40** *Springer-speaker*: **Elvira Kuznetsova** – Application of Econometric Models for Sustainable Innovative Development of System-Forming Corporations of The Country and The Region (eng)

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# All-Russian scientific and practical conference of young scientists with international participation «Mathematics and interdisciplinary research - 2021»

**October 18 – 20**

A detailed program of the conference is sent to the participants by the organizers.

**Regulations - 10 minutes for report and 5 minutes for questions, conducted in a remote format**

**October 18**

Springer-section

1. *Springer-speaker*: **Marina Vorobeva** - An approach to Building a Multilayer Data Repository of the University Learning Process (eng)
2. *Springer-speaker*: **Yuliya Bidulya** - Toxic Messages Classification in Social Media (eng)
3. *Springer-speaker*: **Abdulla H. Ebrahim** **-** Automatic building of electrical circuits of biomorphic neuroprocessor units and visualization of their numerical simulation results (eng)

# The seventh all-Russian scientific and practical conference «Artificial intelligence in solution relevant social and economic problems XXI century»

**October 21 – 22**

A detailed program of the conference is sent to the participants by the organizers.

The conference is held on the ZOOM Internet platform

The program specifies Perm time (Moscow time + 2 hours)

**October 21**

11:00 - 14:00

Moderator – Kuznetsov A.G.

**Round table:** " Teaching artificial intelligence methods at a university ".

**October 22**

15:00 - 20:00

The conference is held on the ZOOM Internet platform

The program specifies Perm time (Moscow time + 2 hours)

Conference rules: speech - 10 min., answers to questions - 5 min.

Moderators: Yasnitsky L.N., Isaeva E.V.

Speakers:

1. *Springer-speaker*: **Andrey Rabchevsky** - Modelling the structure of protest movement advocacy in social media using graph and neural network analysis (eng)
2. *Springer-speaker*: **Alexander Shkaraputa** - Determining of the Emotional State of a Person Using Computer Analysis of Sound Wave Parameters (eng)
3. *Springer-speaker*: **Maksim Rumyantsev** - Diagnostics by statistical characteristics of different deep levels (eng)
4. *Springer-speaker*: **Tatiana N. Soloveva** - About the application of technology "Robotic Process Automation" (eng)
5. *Springer-speaker*: **Mariia Fedoruk** - Combination of classifiers with "teacher" and "without teacher" in a medical diagnostic task (eng)
6. *Springer-speaker*: **Konstantin Ryabinin** - Tackling IoT Interoperability Problems with Ontology-Driven Smart Approach (eng)

# Round table «Modern Studies of Geographical Systems»

**October 20**

A detailed program of the conference is sent to the participants by the organizers.

Building 8, room 322

Curator - Gatina E.L.

Speakers:

1. *Springer-speaker*: **Rinat Abdullin** - Application of GIS technologies to assess hydrological and environmental safety of the Selenga river basin (eng)
2. *Springer-speaker*: **Yuliya Glazyrina** - Geoheritage Representation Clusters based on the Natural Protected Areas and Tourist Sites of the Perm Region» (eng)
3. *Springer-speaker*: **Sergey Michurin, Igor Volkhin** - Active tourism in Perm region: new formats and trends (eng)
4. *Springer-speaker*: **Andrei Zaitsev, Yulia Mishlanova** - Environmental impact assessment and approaches to vegetation analysis (eng)
5. *Springer-speaker*: **Nikita Kadetov** - Mapping of post-fire forest dynamics in the central part of European Russia (eng)
6. *Springer-speaker*: **Lyudmila Kochetkova** - Green spaces as an element of the urban environment: their functioning and transformation (eng)

# All-Russian scientific and practical conference «Perm system of the Earth Globe - 180 years»

**October 21**

A detailed program of the conference is sent to the participants by the organizers.

Building 1, room 422

Curator – Krasilnikov P.A.

Speakers:

1. *Springer-speaker*: **Vadim Khmurchik** - Methodological basis of ground composition and traits formation by biotechnological techniques (eng)
2. *Springer-speaker*: **Valeriy Seredin** - The Effect of High Pressure on the Kaolinite Structure (eng)
3. *Springer-speaker*: **Elena Drobinina** - The geological structure style of karst massive in the karst susceptibility assessment (eng)
4. *Springer-speaker*: **Valeriy Seredin** - Concerning Adsorption of Clays Subjected by Heat and Chemical Activation (eng)
5. *Springer-speaker*: **Aleksandr Dolgal** - Approximation of regional gravity anomalies by equivalent sources (on the example of the Perm Territory) (eng)
6. *Springer-speaker*: **Maxim Fyodorov** - Change in the Adhesion Force of Clay Soils Modified by Hydrochloric Acid and Pressure (eng)
7. *Springer-speaker*: **Valerii Kataev** - Water-rich zones in terrigenous lithologically variable strata (eng)
8. *Springer-speaker*: **Aleksandr Chugaev** - The Integrated Borehole Seismic Surveys at the Verkhnekamskoye Potassium Salt Deposit (eng)
9. *Springer-speaker*: **Vadim Khmurchik** - Innovative Techniques of Ground Infiltration Characteristics Reduction with Chemical and Biotechnological Precipitation of Calcium Salts (eng)
10. *Springer-speaker*: **Boris Osovetsky** - Problems of Unstable Covers Opening by Drilling for Productive Deposits of the Permian System (eng)
11. *Springer-speaker*: **Liudmila Khristenko** - Using the method of rare combinations in the interpretation of electrical prospecting data (eng)
12. *Springer-speaker*: **Oksana Naumova** - Detrital chromite concentrations in Permian-Jurassic sedimentary cover of the Eastern European platform (eng)
13. *Springer-speaker*: **Vladislav Voroshilov** - Integration of Surface and Mine Gravity Data for Localization Structural Faults on the Verkhnekamskoye Potassium-Magnesium Salt Deposit (eng)
14. *Springer-speaker*: **Vladimir Ozhgibesov** - Permian Flexifenestella from Perm Region (Bryozoa) (eng)
15. *Springer-speaker*: **Lev Pleshkov** - Oil Reservoir Geometrization Based on Universal Capillary Pressure Curve: Case-Study from Yarega Oil Field (eng)
16. *Springer-speaker*: **Olga Meshcheriakova** - Selecting a Set of Remote Indicators for Comprehensive Monitoring of Acid Mine Drainages (eng)
17. *Springer-speaker*: **Pavel Belkin** - Denitrification of Quarry Waste Water from Mining Enterprises by Galvanocoagulation (eng)
18. *Springer-speaker*: **Pavel Belkin** - Dumps of the Kizel Coal Basin as a Potential Source of Rare and Rare-Earth Elements (eng)
19. *Springer-speaker*: **Natalya Shcherbakova** - Rocks’ lithological composition impact on porosity illustrated by Sakmarian age sulphate-carbonate sediments (eng)

# Scientific school «Cultural Heritage in the Digital Dimension»

**October 20-22**

A detailed program of the conference is sent to the participants by the organizers.

**October 20**

14:00 - 16:00

Zoom

Speakers:

14:00  *Springer-speaker*: **Elizaveta Martyanova** - Virtual Museum: Models of Legal Regulation in the BRICS Countries (eng)

14:20 *Springer-speaker*: **Maria Kagan** - 'Ideal Future' in World War II Media Discourse : Сorpus-Based Research of British, American and French digitalized historical newspapers (eng)

14:40 *Springer-speaker*: **Angelina Saenko** - The architectural heritage of Königsberg/Kaliningrad in the regional press during Perestroika (eng)

15:00 *Springer-speaker*: **Ekaterina Belikova** - The electronic environment of regional sociocultural brands in the Volgograd region (eng)

15:20 *Springer-speaker*: **Iliana Ismakaeva** - Digital Approaches for Studying Elected Representative Institutions in Late Imperial Russia (eng)

15:40 *Springer-speaker*: **Anastasia Semina, Svetlana Maksimova** - Digital survey and information modelling application experience for the historical and cultural heritage objects (eng)

# International Conference «Smart Innovations and Technologies in Linguistics»

**October 18 - 19**

A detailed program of the conference is sent to the participants by the organizers.

**October 18**

Curators **-** S.V. Polyakova (Perm), M.V. Suvorova (Perm)

**ZOOM**

15.00 – 19.00

Speakers:

15:00 Keynote presentation: **Jan Engberg** "Specialized Knowledge Transfer and Popularization: Innovative Approaches to Fighting Challenges of Social Trust” (online)

15.30 **Larissa Alekseeva**: "Trowdsourcing: a digital challenge of Linguao-Didactics in the XXI century" (eng)

15:50 *Springer-speaker*: **Svetlana Solareva -** Innovations, Systems, and Technologies in University libraries (eng)

16:10 *Springer-speaker*: **Evgeniia Lapina** - Using Spatial Analysis in Literary Studies: Modelling the Geographic Location in Tana French´s Faithful Place (online) (eng)

16.30-16:50 *- Coffee-break*

16. 50 *Springer-speaker*: **Irina Novokreshchennykh -** The Experience of Using Digital Trends in Literary Studies and Teaching of World Literature in the Department of World Literature and Culture of Perm State University (eng)

17:10 *Springer-speaker*: **Maria Firstova** - Intermediality and Intercultural Communication in Teaching English through Literature (eng)

17:30 *Springer-speaker*: **Natalia Shutemova** - Cohesion of Interrogation in Discourse: Algorithm and Technologies of Analysis (online) (eng)

17:50 *Springer-speaker*: **Ekaterina Isaeva** - Smart Technologies for Genre Closeness Evaluation (eng)

18:10 Ekaterina Isaeva - Anthropomorphism in Computer Security Terminology through the Prizm of Smart Cognitive Framing (eng)

18.30 *Springer-speaker*: **Svetlana Mishlanova** - Frame modelling in the process of translation (eng)

18. 50 *Springer-speaker:* **Svetlana Polyakova,** Elena Gritsenko, Elena Yakovleva, Inga Suslova, Evelina Frolovich Legal Thriller: The Didactic Potential (eng)

**October 19**

Curators **-** S.V. Polyakova (Perm), M.V. Suvorova (Perm)

**ZOOM**

15-00 – 19.00

Speakers:

15:00 *Springer-speaker*: Maria Eltsova: Applying Reversed Dictionaries to improve the Automatic morphological analysis of unknown words (eng)

15:20 *Springer-speaker*: **Svetlana Medvedeva** - A Corpus-Based Differentiation of Near-Synonyms in Smart-Technologies Framework (eng)

15:50 *Springer-speaker*: **Anna Krivoruchko** - Translator as Subject of Innovative Process within Activity-Synergetic Paradigm of Legal Translation (eng)

16:10  *Springer-speaker*: **Mariia V. Beklenishcheva** - Creating a virtual exhibition space (eng)

16:30 *Springer-speaker*: **Reima Al-Jarf** - The Pandemic Job Market from the Perspective of Female Languages and Translation College Graduates in Saudi Arabia: Crisis or Opportunity (online) (eng)

16:50  *Springer-speaker*: **Milena Mileva Blažić** - The Motif of Cultural Heritage in Slovenian Picture Books (online) (eng)

17:10 *Springer-speaker*: **Anna A. Petrova, Marina I. Solnyshkina** - Technologies in Analysis and Computing Immediate Recalls (eng)

17:30 *Springer-speaker*: **Maria Suvorova** - Multimodal discourse analysis as a tool for developing communicative language competences (eng)

17:50  *Springer-speaker*: **Svetlana Polyakova, Elena Gritsenko, Svetlana Mishlanova** - Applying Extensive Reading of British Literature in the ESP Context (eng)

18:10 *Springer-speaker:* **Elena Yakovleva, Svetlana Polyakova, Elena Gritsenko,** Evelina Frolovich, Natalya Syropyatova, Michael Losavio- Russian and American Students' Perceptions of the Teleconference Projects on Justice and Human Rights (eng)

18:30 *Springer-speaker:* **Michael Losavio –** Smart Technologies and Laws of Free Expression (eng)

# International Conference «[Fundamental and applied aspects of bioinformatics, biotechnology and subsoil management](http://math.psu.ru/fundamentalnye-i-prikladnye-aspekty-bioinformatiki-biotehniki-i-nedropolzovaniya/?lang=en)»

**October 18 – 20**

A detailed program of the conference is sent to the participants by the organizers.

Opening - Academic Council Hall, Building 1, auditorium 424

**October 19**

Curators: Krivoruchko A.V., Ph.D., Tyumina E.A., Ph.D.

**Springer-** **session**

**Plenary reports:**

10:00 **Eduard A. Korkotian**, PhD, Professor of Neurobiology, The Weizmann Institute, Rehovot, Israel. “**Nano-architecture of synaptic memory**” (eng)

10:40 *Springer-speaker:* **Maria S. Kuyukina**, Professor of Perm State University, Perm, Russia. **“Advantages of *Rhodococcus* actinobacteria for environmental biotechnology”**(eng)

11:20 **Kalendar Ruslan,** Head of the Laboratory of Plant Genomics and Bioinformatics of the RSE "National Center of Biotechnology" of the Science Committee of the Ministry of Education and Science of the Republic of Kazakhstan, Nur-Sultan, Republic of Kazakhstan. **“** **the topic is being clarified ”**.

12:00 **Lyubimov Alexander**, Professor, Scientific Director of the Toxicology Laboratory of the Department of Pharmacology of the University of Illinois, Chicago, USA.**“** **the topic is being clarified ”.**

**12:40 - 13:10 Coffee break**

1. *Springer-speaker*: **Maria Bograya-** The principles of biotechnological methods in biomedical applications (online) (eng)
2. *Springer-speaker*: **Kseniya Shardina** - Pregnancy-associated proteins as a tool in the therapy of autoimmune diseases and alloimmune disorders (review) (eng)
3. *Springer-speaker*: **Sofya Uzhviyuk** - Study of the Effect of Peg-Coated Graphene Oxide Nanoparticles on Apoptosis of Nk- and Nkt-Cells of Human Peripheral Blood (eng)
4. *Springer-speaker*: **Elena Tyumina** - Cometabolic Bioconversion of Ketoprofen by Rhodococcus erythropolis IEGM 746 (eng)
5. *Springer-speaker*: **Ludmila Litvinenko** - Smart Innovation to Reduce Phytotoxicity of Heavy Metals Using Rhodococcus Biosurfactants (eng)
6. *Springer-speaker*: **Maria Kuyukina** - Optimization of Electrotransformation Conditions for Rhodococcus Cells Using EZ-Tn5 ™ <KAN-2>Tnp Transposome (eng)
7. *Springer-speaker*: **Maria Kuyukina** - Interspecies Interactions of Rhodococcus Beneficial for Bioremediation as Revealed by Ecological Modeling (eng)