



## XXI INTERNATIONAL CONFERENCE ON SCIENCE AND TECHNOLOGY RUSSIA-KOREA-CIS

Holiday Inn Moscow Sushevsky, Moscow  
August 26 – 28, 2021

## XXI МЕЖДУНАРОДНАЯ КОНФЕРЕНЦИЯ ПО НАУКЕ И ТЕХНОЛОГИЯМ РОССИЯ-КОРЕЯ-СНГ

Гостиница Холидей Инн Москва Сущевский, Москва  
26 – 28 августа 2021 года

# PROGRAM Программа



26 – 28 August 2021  
Moscow

# ORGANIZING COMMITTEE

## Chairman

**CHO Gvan Chun** – PhD, associate professor at National Research University “Moscow Power Engineering Institute”, President of “AKSTS”

## Co-chairman

**LEE WOO IL** – Prof., President of Korean Federation of Science and Technology Societies (Republic of Korea)

**SUH Gill Won** – PhD, Director of KORUSTEC

**MUN Grigoriy** – Dr. Sc., Professor, President of “KAHAK” (Kazakhstan)

**PAK Valeriy** – PhD, President of “TINBO” (Uzbekistan)

**KIM Vyacheslav** – Head of All-Russian Association of Koreans

## Members

**PAK Nikolay** – Prof., Krasnoyarsk State Pedagogical University

**TKHAI Valery** – Prof., Ural State Medical University

**KIM Roman** – Associate professor, PhD, National Research University “Moscow Aviation Institute”, Vice-President of “AKSTS”

**YUN Svetlana** – PhD, Leader of Solution Ecosystem Part, Regional Business Lab, Samsung RnD Institute RUS, Vice-President of “AKSTS”

**KANG Vasiliy** – PhD, science director, FREZART CVD, Ltd., Senior scientist, Omsk Scientific Center of the Siberian Branch of the RAS

**KHVAN Alexander** – Dr. Sc., Director, Innovative Business Incubator of Voronezh State University, Chairman of Voronezh chapter

**KIM Irina** – PhD, Research associate, National Medical Research Center for Therapy and Preventive Medicine, Academic Secretary of “AKSTS”, Chairman of Moscow chapter

**KIM Kseniya** – PhD, Associate professor, Voronezh State University of Engineering Technologies

**TEN Eugene** – PhD, Associate professor, Far Eastern State University of Railway Engineering, Chairman of Khabarovsk chapter

**YUN Viktor** – PhD, Agronomist, "PVT" LTD, Chairman of Primorsky Krai chapter

**KIM Eugene** - PhD, Pacific National University

**KIM Nadezhda** - Lecturer, Novosibirsk State Medical University, Chairman (acting) of Novosibirsk chapter

**KLISHEVICH Michael** – Founder of Online School of Programming “Coding Bootcamp Ru”, Board member of “AKSTS”

**TSOY Galina** – National Research University Higher School of Economics

**TSOY Nelli** – Deputy director of Youth Movement of Moscow Koreans

**KIM Anastasiya** – National Research University Higher School of Economics, Analyst at «GRUPPA KIT» LLC

# ОРГАНИЗАЦИОННЫЙ КОМИТЕТ

## Председатель

**ЧО Г. Ч.** – доц., к.т.н., ФГБОУ ВО «НИУ «МЭИ», президент НТО «АНТОК»

## Сопредседатели

**ЛИ У Иль** – проф., президент KOFST (Республика Корея)

**СО Гилль Вон** – к.т.н., директор Корейско-Российского центра по научно-технологическому сотрудничеству «КОРУСТЕК»

**МУН Г. А.** – проф., д.х.н., академик НИА, президент НТО «КАХАК» (Казахстан)

**ПАК В. В.** – к.х.н., президент НТО «ТИНБО» (Узбекистан)

**КИМ В. Н.** – генеральный директор ООК

## Члены оргкомитета

**ПАК Н. И.** – проф., д.п.н., Красноярский государственный педагогический университет

**ТХАЙ В. Д.** – д.х.н., проф., ФГБОУ ВО Уральский государственный медицинский университет Минздрава России

**КИМ Р. В.** – к.т.н., доц., ФГБОУ ВО «МАИ» (НИУ), вице-президент НТО «АНТОК»

**ЮН С. Г.** – к.т.н., руководитель группы развития экосистем решений Лаборатории развития бизнес решений Исследовательского центра Samsung, вице-президент НТО «АНТОК»

**КАН В. Е.** – к.ф.-м.н., директор по науке, ООО "ФРЕЗАРТ СВД", с.н.с., Омский научный центр СО РАН

**ХВАН А. Д.** – д.т.н., директор инновационного бизнес-инкубатора ФГБОУ ВО «ВГУ», руководитель регионального отделения НТО «АНТОК» в Воронежской области

**КИМ И. В.** – к.м.н., н.с. ФГБУ «НМИЦ ТПМ» Минздрава России, ученый секретарь НТО «АНТОК», руководитель регионального отделения НТО «АНТОК» в Москве

**КИМ К. Б.** – к.х.н., доц., Воронежский государственный университет инженерных технологий

**ТЕН Е. Е.** – к.т.н., доц., Дальневосточный государственный университет путей сообщения, руководитель регионального отделения НТО «АНТОК» в Хабаровском Крае

**ЮН В. Л.** – к.с.-х.н., Менеджер агроном ООО «П-ВТ», руководитель регионального отделения НТО «АНТОК» в Приморском Крае

**КИМ Е. Д.** – к.т.н., Тихоокеанский государственный университет

**КИМ Н. О.** – преподаватель, ФГБОУ ВО НГМУ Минздрава России, и.о. руководителя регионального отделения НТО «АНТОК» в Новосибирской области

**КЛИШЕВИЧ М. А.** – основатель онлайн школы по программированию Coding Bootcamp Ru, член Правления НТО «АНТОК»

**ЦОЙ Г. В.** – НИУ «Высшая школа экономики», системный администратор НТО «АНТОК»

**ЦОЙ Н. Э.** – Заместитель директора АНО «МДКМ»

**КИМ А.А.** – НИУ «Высшая школа экономики», аналитик ООО «ГРУППА КИТ»



**CHO Gvan Chun**  
President of "AKSTS"

Dear guests and participants of the XXI International Conference on Science and Technology "Russia-Korea-CIS"!

I welcome you to our meeting held in an atmosphere of goodwill and mutual understanding!

Our annual Conference has already become a good tradition, a place for meetings and exchange of ideas and experiences of outstanding scientists, engineers, teachers and specialists from Russia, Korea, Kazakhstan and Uzbekistan. Many of us have become friends for a long time and this is great, because a relationship of trust is the key to successful collaboration. It is nice to see in this hall the young generation of scientists and university faculties, as well as students - future specialists and our support.

Despite the ongoing pandemic and existing restrictions, representatives from different countries take part in our conference offline and online. The program of Keynote Talks includes reports by brilliant scientists from Korea - Nobel Peace Prize Laureate Chang Naekwon, Russia - Academician of the Russian Academy of Sciences Son and Kazakhstan - Professor Ogai.

In addition to the Keynote Talks, there are Scientific Symposiums in areas of expertise and the Special Program.

2021 is a Jubilee year for the scientific and technical societies of Russia, Kazakhstan and Uzbekistan. Exactly 30 years ago, back in 1991, the Association of Scientific and Technical Societies of Koreans of the CIS countries was founded, which included 5 countries. Today, three of them continue to work actively and our conference is a good example of this. For all 30 years, the activities of our societies have been supported by the Korean Federation of Scientific and Technological Societies KOFST, for which I express my deep gratitude and appreciation.

For the organizational support, I would like to thank KORUSTEC, represented by Director Suh Gill Won, the Embassy of the Republic of Korea in Moscow, represented by the Science Attache Choi Young Ok.

Special thanks to our Organizing Committee. A team of like-minded people who have regularly gathered since spring, discussed and organized this event.

I wish you all a productive and interesting conference!



**Lee Woo Il**

President of the Korean Federation of Science and  
Technology Societies

Distinguished guests, fellow scientists and engineers from home and abroad,

It is my great honor to extend a very warm welcome to all the participants who have joined the 2021 CIS-Korea-Russia Conference (CISKC-2021). This year's conference is organized by the Association of Korean Scientific and Technical Societies of Russia, in collaboration with the Korean Scientists and Engineers Associations in Kazakhstan and Uzbekistan. Allow me, at the outset, to express my deep sense of gratitude to President Cho Kwang-Chun and the esteemed members of the Association of Korean Scientific and Technical Societies of Russia for successfully orchestrating today's gathering.

This year's CISKC is held both in person and online in light of the COVID-19 pandemic. While face-to-face interactions hold their own worth, I am confident that a virtual platform will achieve the same level of engagement by transcending the physical limitations set by space and time. In navigating the new normal of the post-COVID era, Korea, Russia and CIS states have maintained close collaboration on the scientific front by harnessing non-contact technologies. I hope we will soon see this pandemic end, which will allow science and technology communities to deepen their interaction across borders.

This year marks the 30th anniversary of the Korean Scientists and Engineers Associations of Russia, Kazakhstan and Uzbekistan. Since their inception, they have served as a backbone for cooperation in Central Asia by advancing science and technology in Korea, Russia and CIS states and facilitating networking opportunities for the Korean society. It is against this backdrop that this year's CISKC is entitled 'Thirty Years of Networking in Science!' to commemorate the milestone of these Associations united under the CISKC platform in terms of academic exchanges. I hope CISKC-2021 will take stock of major achievements made by each KSEA and set in motion a process to embark on the new chapter. Having said that, I extend my heartfelt thanks to successive executives and staff members of each KSEA, along with fellow scientists and engineers involved, who have given glory to the pages of 30-year history.

In this era of massive transformation, we, the scientists and engineers, are entrusted with a noble task to promote common prosperity for humanity. Since CISKC-2021 provides a timely platform to discuss important domestic and international agendas, I trust that it will be instrumental in strengthening scientific ties among Korea, Russia and CIS countries based on community fellowship in order to reach for new heights.

With all these in mind, please be assured that KOFST will always remain committed to your noble work. I wish everyone the best of health and happiness. Thank you.



**Dr. Suh Gill Won**  
**Director of Korea Russia Science & Technology  
Cooperation Center**

**Dear Participants, Guests, Friends and Organizers of this event!**

I am happy to greet you at the XXI International Conference on Science and Technology Russia-Korea-CIS! This year's event is held under the slogan "Thirty years of Networking in Science!" – and this really reflects the years of work of our close colleagues, the organization AKSTS. Over the past decades, this annual conference has strengthened its status as a recognized scientific event bound by the common idea of international unity of Koreans.

This year AKSTS celebrates its 30th anniversary. On behalf of the Korea Russia Science and Technology Cooperation Center (KORUSTEC), I sincerely congratulate you all on this anniversary! We are glad that the cooperation between AKSTS and KORUSTEC has been close throughout all these years. I would like to thank President Cho Gvan Chun for his role in leading AKSTS to another level. I would also like to dedicate my special acknowledgement to the late Ten Edis Borisovich and Choi Aleksei Danilovich for their roles in growing AKSTS during difficult and testing times. We hold them in our hearts dearly.

AKSTS and KORUSTEC have been actively organizing joint conferences and events, inviting renowned Korean scientists to Russia and providing support in sending young scientists to Korea. It is necessary to strengthen the integration and expand the ties of Koreans from Russia and the CIS even more today. As I have mentioned previously, learning the Korean language is key to expanding opportunities for closer ties with the Korean science community and industry. AKSTS holds a unique place in providing such opportunities and building a bridge between our countries.

Today, the Korea-Russia Joint Innovation Platform is becoming central in collaboration efforts because it supports cooperation between start-ups and the innovation ecosystems of both countries. Such cooperation is essential for providing future economic growth and vitality. Therefore, it needs to become an area that we should focus on in planning our future work.

In conclusion, I want to express my confidence that the cooperation between KORUSTEC and AKSTS is waiting for a huge future. Unfortunately, the pandemic has made life difficult and so there were much fewer events held offline last year. Nevertheless, technology has helped us do great things online. In any case, I hope that when we overcome the pandemic, there will be a chance to catch up with our meetings offline.

Thank you!



**Valeriy V. Pak**  
President of “Tinbo”, Uzbekistan

**Dear colleagues and distinguished guests!**

XXI International Conference on Science and Technology: Russia-Korea-CIS will be held in the year of the 30-th anniversary of the creation of scientific and technical associations of Russia, Kazakhstan and Uzbekistan. In this regard, I would like to congratulate all of you on this momentous date. Also I would like to say that we will always be grateful to those people who stood at the beginnings of the creation of these scientific associations and who made their invaluable contribution to their development.

The pandemic and the remaining restrictions have made adjustments around the world. On the other hand, the coronavirus pandemic is the way to a new reality. This forced global experiment, which affected all spheres of life, but opened up new opportunities for communication, conferences and scientific work.

This year I am pleased that the conference will be held in a hybrid format. The past 1.5 years have shown how we lack lively conversation with colleagues during discussions and conducting a research.

I would like to thank the Korean Federation on Science and Technology Societies, represented by the president of KOFST, professor Woo Il Lee, for the continued support and opportunity of our participation in these conferences.

Also I would like to note the work of the Organizing Committee headed by Chairman Cho Gvan Chun, for their work, time and enthusiasm in preparing this conference.

I wish all participants of the conference fruitful work, creative productive discussion, useful meetings, business contacts, activity, optimism, strengthening and acquiring new friendly contacts.

I wish to all of you a good health, well-being and new scientific achievements!

# TIMETABLE / КРАТКАЯ ПРОГРАММА\*

## 08.26 Tuesday

| Time        | Schedule                                                                                    | Place                  |
|-------------|---------------------------------------------------------------------------------------------|------------------------|
| 14:00-17:00 | <b>Hotel Check-In /</b><br><b>Размещение иногородних участников конференции в гостинице</b> | Reception /<br>Ресепшн |
| 17:00-18:30 | <b>Registration / Регистрация</b>                                                           | 2nd floor /<br>2 этаж  |
| 19:00-21:00 | <b>Welcome dinner / Приветственный ужин</b>                                                 | Galantus               |

## 08.27 Friday

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 08:30-09:00 | <b>Registration / Регистрация</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2 этаж /<br>2nd floor |
| 09:00-09:30 | <b>Opening Ceremony /</b><br><b>Церемония открытия конференции</b><br>▼ CHO Gvan Chun, President of AKSTS / ЧО Гван Чун Дмитрий, Президент НТО «АНТОК»<br>▼ LEE Woo Il, President of KOFST / ЛИ У Иль, Президент КОФСТ<br>▼ SUH Gill Won, Director of KORUSTEC / СО Гилль Вон, Директор KORUSTEC<br>▼ MUN Grigory, President of KAHAK / МУН Григорий Алексеевич, Президент НТО «КАХАК»<br>▼ PAK Valery, President of TINBO / ПАК Валерий Викторович, Президент НТО «ТИНБО»<br>▼ KIM Vyacheslav, Head of All-Russian Association of Koreans / Ким Вячеслав Николаевич Генеральный директор Общероссийского объединения корейцев                                                                                                           | Grand<br>Ballroom     |
| 09:30-13:00 | <b>Plenary session / Пленарное заседание</b><br>Moderator - Kang Vasiliy / Модератор - Кан Василий                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |
| 09:30-10:15 | <b>Keynote Speech 1.</b> Ambassador Chung Raekwon,<br>Nobel Peace Prize Laureate, Member of the Global Energy Prize International Award Committee, Professor Emeritus, Incheon National University (Republic of Korea). <i>"Unstoppable Global Trend: Net Zero 2050 &amp; Russia"</i><br><b>Пленарный доклад 1.</b> Посол Чан Реквон,<br>Лауреат Нобелевской премии, Член Международного комитета по наградам «Глобальная энергия», Заслуженный профессор в отставке, Национальный университет Инчон, (Республика Корея). <i>"Неотвратимый глобальный тренд: Углеродная нейтральность к 2050 г. и Россия"</i>                                                                                                                            |                       |
| 10:15-11:00 | <b>Keynote Speech 2.</b> Dr. Oh Dong Hoon,<br>Managing director of the technology policy group of the office for strategic RnD planning under the Ministry of Industry of Korea. (Republic of Korea). <i>"How to increase the RnD Productivity and its Fruits: Lessons from Korea (semiconductors, automobiles, CDMA, LNG carrier)"</i><br><b>Пленарный доклад 2.</b> Доктор О Дон Хун,<br>Управляющий директор группы технологической политики Офиса стратегического планирования исследований и разработок при Министерстве промышленности Республики Корея. (Республика Корея). <i>"Как повысить продуктивность исследований и разработок и их плоды: уроки Кореи (полупроводники, автомобили, CDMA, танкеры для сжиженного газа"</i> |                       |

# TIMETABLE / КРАТКАЯ ПРОГРАММА\*

08.27 Friday

| Time        | Schedule                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                             | Place          |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 11:00-11:30 | <b>Coffee Break / Перерыв</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                             | Grand Ballroom |
| 11:30-12:15 | <b>Keynote Speech 3.</b> Krupskaya Victoria,<br>PhD, Institute of Ore Geology, Petrography, Mineralogy and Geochemistry Russian Academy of Science, M.V. Lomonosov Moscow State University, Nuclear Safety Institute Russian Academy of Science. <i>"Clay minerals transformation in technogenic conditions"</i><br><b>Пленарный доклад 3.</b> Крупская Виктория Валерьевна, к.г.-м.н., ИГЕМ РАН, МГУ им. М.В. Ломоносова, ИБРАЭ РАН. <i>"Трансформация глинистых минералов в техногенных условиях"</i>                                                                                                           |                                                                                                                                             |                |
| 12:15-13:00 | <b>Keynote Speech 4.</b> Dr. Sc. Yu Valentina,<br>Professor, principal researcher, Bekhturov Institute of Chemistry Sciences (Kazakhstan). <i>"The fine organic synthesis approaches to the search for effective drugs for the treatment of immunodeficiency states of various etiologies"</i> .<br><b>Пленарный доклад 4.</b> Ю Валентина Константиновна, д.х.н., профессор, главный научный сотрудник АО "Институт химических наук им. А.Б. Бектурова" (Казахстан). <i>"Подходы тонкого органического синтеза к поиску эффективных препаратов для лечения иммунодефицитных состояний различной этиологии"</i> . |                                                                                                                                             |                |
| 13:00-13:15 | <b>Award Ceremony. President of KOFST Award / Церемония вручения награды Президента KOFST</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                             |                |
| 13:15-13:30 | <b>Group Photo / Коллективное фото</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                             |                |
| 13:30-14:30 | <b>Lunch / Обед</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                             | Fleur Cafe     |
| 14:30-15:30 | <b>S&amp;T session A - Engineering</b><br><b>Научная секция А - Инженерные науки</b><br>(Grand Ballroom)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>S&amp;T session F -</b><br>History and interdisciplinary sciences.<br><b>Научная секция F - Общественные науки и история</b><br>(Laurus) |                |
| 15:30-16:30 | <b>S&amp;T session B -</b><br>Mathematics and IT<br><b>Научная секция В -</b><br>Математика и информационные технологии<br>(Grand Ballroom)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                             |                |
| 16:30-17:00 | <b>Coffee Break / Перерыв</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                             |                |
| 17:00-18:00 | <b>Special session 1.</b> Samsung workshop "Galaxy UpCycling – holographic imaging"<br><i>Volkova Tatiana, Lead specialist in Corporate Social Responsibility, Samsung R&amp;D Institute Russia</i><br><b>Специальная сессия 1.</b> Мастер-класс Samsung "Galaxy UpCycling - голографическое изображение"<br><i>Волкова Татьяна, Ведущий специалист по программам корпоративной социальной ответственности в Исследовательском центре Samsung. (Программа в приложении 1)</i>                                                                                                                                     |                                                                                                                                             | Grand Ballroom |

# TIMETABLE / КРАТКАЯ ПРОГРАММА\*

## 08.27 Friday

| Time        | Schedule                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Place          |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 18:00-18:30 | <p><b>Special session 2.</b> NRF Programs "2021 Korea's Invitation Programs for Outstanding Overseas Researchers (Brain Pool, Brain Pool Plus)"</p> <p><i>Choi Donggi, Executive Director of KORUSTEC</i></p> <p><b>Специальная сессия 2.</b> Программы NRF "Программы Республики Корея по приглашению выдающихся зарубежных исследователей (Brain Pool, Brain Pool Plus) в 2021 г."</p> <p><i>Чой Донгги, Исполнительный директор KORUSTEC (Программа в приложении 2)</i></p> | Laurus         |
| 18:30-19:30 | <p><b>Special session 3.</b> Round table - Education "Cognitive revolution in education"</p> <p><i>Prof. Pak Nikolay, Krasnoyarsk State Pedagogical University</i></p> <p><b>Специальная сессия 3.</b> Круглый стол - Образование "Когнитивная революция в образовании"</p> <p><i>Пак Н. И. – д.п.н., проф., Красноярский государственный педагогический университет (Программа в приложении 3)</i></p>                                                                        |                |
| 19:30-21:00 | <b>Banquet / Банкет</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Grand Ballroom |

## 08.28 Saturday

| Time        | Schedule                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Place          |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 09:00-11:30 | <p><b>Plenary session / Пленарное заседание</b></p> <p>Moderator - Kang Vasiliy / Модератор - Кан Василий</p>                                                                                                                                                                                                                                                                                                                                                                                                    | Grand Ballroom |
| 09:00-09:45 | <p><b>Keynote Speech 5.</b> Dr. Shin Kyung-Nam, Assistant Director-General Head of Investment and Policy Solutions Division Global Green Growth Institute (Republic of Korea). "Green Growth and Climate Resilient Development"</p> <p><b>Пленарный доклад 5.</b> Проф. Шин Кён Нам, Помощник генерального директора и руководитель отдела инвестиций и политических решений Global Green Growth Institute, Республика Корея (Республика Корея). "Зеленый" рост и развитие, устойчивое к изменению климата".</p> |                |
| 09:45-10:30 | <p><b>Keynote Speech 6.</b> Ogay Vyacheslav, PhD, Head of the Stem Cell Laboratory at the National Center for Biotechnology (Kazakhstan). "The Therapeutic Potential of Mesenchymal Stem Cells in the Treatment of Atherosclerosis"</p> <p><b>Пленарный доклад 6.</b> Огай Вячеслав Борисович, к.б.н., Руководитель Лаборатории стволовых клеток Национального центра биотехнологий (Казахстан). "Терапевтический потенциал мезенцимальных стволовых клеток при лечении атеросклероза".</p>                      |                |
| 10:30-10:40 | <b>Break / Перерыв</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |

# TIMETABLE / КРАТКАЯ ПРОГРАММА\*

08.28 Saturday

| Time        | Schedule                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Place                                                                                                                            |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 10:40-11:25 | <p><b>Special session 4.</b> AKSTS Startup workshop<br/>"Startup pitch decks and collaboration proposals"<br/><i>Dr. Khvan Alexander, Voronezh State University.</i></p> <p><b>Специальная сессия 4.</b> Мастер-класс проекта AKSTS Startup. "Презентация проекта, развитие и предложения о сотрудничестве"<br/><i>Хван А.Д., д.т.н., доц., директор Инновационного бизнес-инкубатора ФГБОУ ВО "Воронежский государственный университет"</i></p> <p>(Grand Ballroom)</p> | <p><b>YGF/YPF/Alumni</b><br/><b>Evaluation / Подведение итогов Форума</b></p> <p>(Laurus)</p>                                    |
| 11:25-11:45 | <b>Coffee Break / Перерыв</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                  |
| 11:45-12:30 | <p><b>S&amp;T session E</b> - Physics and Earth sciences<br/><b>Научная секция E</b> - Физика и науки о земле<br/>(Grand Ballroom)</p>                                                                                                                                                                                                                                                                                                                                   | <p><b>S&amp;T session C</b> - Biotechnology and medicine<br/><b>Научная секция C</b> - Биотехнологии и медицина<br/>(Laurus)</p> |
| 12:30-13:45 | <p><b>S&amp;T session D</b> - Chemistry and new materials<br/><b>Научная секция D</b> - Химия и новые материалы<br/>(Grand Ballroom)</p>                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                  |
| 13:45-14:30 | <b>Lunch / Обед</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Fleur Cafe                                                                                                                       |
| 14:30-15:30 | <p><b>Special session 5.</b> Workshop "Funding Opportunities in Korea and Germany"<br/><i>Kim Aleksandr, Associate Professor of USUES, Vladivostok</i></p> <p><b>Специальная сессия 5.</b> Мастер-класс "Возможности грантового финансирования в Корее и Германии"<br/><i>Ведущий Ким А.А., доцент кафедры международных отношений и права Владивостокский государственный университет экономики и сервиса (Программа в приложении 5)</i></p>                            | Grand Ballroom                                                                                                                   |
| 15:30-16:00 | <b>Finalizing / Подведение итогов</b>                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                  |

# YOUNG GENERATION / PROFESSIONAL FORUM THE NEXT-GENERATION SCIENCE AND TECHNOLOGY LEADERS ALUMNI NETWORKING FORUM AT CISKC-2021

TIMETABLE / КРАТКАЯ ПРОГРАММА\*

## Aug 24, 2021 (Room Laurus)

| Time         | Description                                                            | Format  |
|--------------|------------------------------------------------------------------------|---------|
| 13:00-14:00  | <b>Registration</b>                                                    | offline |
| 14:00-14:20  | <b>Opening Ceremony</b>                                                | mixed   |
| 14:20-15:20  | <b>Ice-Breaking</b>                                                    | mixed   |
| 15:20-15:40  | <b>Group Photo</b>                                                     | mixed   |
| 15:40-16:40  | <b>Country Presentation</b><br>(Korea, Russia, Kazakhstan, Uzbekistan) | mixed   |
| 18:00 -19:00 | <b>Welcome Dinner</b>                                                  | offline |

## Aug 25, 2021 (Room Laurus)

|             |                                                         |         |
|-------------|---------------------------------------------------------|---------|
| 08:00-09:00 | <b>Breakfast</b>                                        | offline |
| 09:00-10:00 | <b>Workshop "Mind Club "Schematization in Thinking"</b> | mixed   |
| 10:00-11:00 | <b>Group Discussions</b>                                | mixed   |
| 11:00-12:00 | <b>Training Team Building</b>                           | offline |
| 12:00-13:00 | <b>Lunch</b>                                            | offline |
| 13:00-14:00 | <b>Move to the Technopolis Skolkovo</b>                 | offline |
| 14:00-17:00 | <b>Technopolis Skolkovo tour</b>                        | offline |
| 17:00-18:00 | <b>Move to the hotel</b>                                | offline |
| 18:00-19:00 | <b>Networking Dinner</b>                                | offline |

## Aug 26, 2021 (Room Laurus)

|             |                                               |         |
|-------------|-----------------------------------------------|---------|
| 08:00-09:00 | <b>Breakfast</b>                              | offline |
| 09:00-10:30 | <b>Mentoring session. Part 1 (in English)</b> | mixed   |
| 10:30-11:00 | <b>Break</b>                                  | offline |
| 11:30-13:00 | <b>Mentoring session. Part 2 (in Russian)</b> | offline |
| 13:00-14:00 | <b>Lunch</b>                                  | offline |
| 14:00-15:00 | <b>Move to Samsung AI Center</b>              | offline |
| 15:00-16:30 | <b>Visit to Samsung AI Center</b>             | offline |
| 16.30-17.30 | <b>Move to the hotel</b>                      | offline |
| 17.30-19.00 | <b>Networking</b>                             | offline |
| 19:00-21:00 | <b>Dinner</b>                                 | offline |

# YOUNG GENERATION / PROFESSIONAL FORUM THE NEXT-GENERATION SCIENCE AND TECHNOLOGY LEADERS ALUMNI NETWORKING FORUM AT CISKC-2021

TIMETABLE / КРАТКАЯ ПРОГРАММА\*

## Aug 27, 2021 (Grand Ballroom)

| Time        | Description                                                                                                                                                                                                                                                                                                                         | Format  |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 08:00-09:00 | <b>Breakfast</b>                                                                                                                                                                                                                                                                                                                    | offline |
| 09:00-09:30 | <b>Attend the Opening Ceremony of the XXI International Conference on Science and Technology 'Russia-Korea-CIS' (Grand Ballroom)</b>                                                                                                                                                                                                | mixed   |
| 09:30-10:15 | <b>Keynote Speech 1.</b> Ambassador Chung Naekwon, Nobel Peace Prize Laureate, Member of the Global Energy Prize International Award Committee, Professor Emeritus, Incheon National University (Republic of Korea). <i>"Unstoppable Global Trend: Net Zero 2050 &amp; Russia"</i>                                                  | mixed   |
| 10:15-11:00 | <b>Keynote Speech 2.</b> Dr. Oh Dong Hoon, Managing director of the technology policy group of the office for strategic RnD planning under the Ministry of Industry of Korea (Republic of Korea). <i>"How to increase the RnD Productivity and its Fruits: Lessons from Korea (semiconductors, automobiles, CDMA, LNG carrier)"</i> | mixed   |
| 11:00-11:30 | <b>Coffee Break</b>                                                                                                                                                                                                                                                                                                                 | offline |
| 11:30-12:15 | <b>Keynote Speech 3.</b> Krupskaya Victoria, PhD, Institute of Ore Geology, Petrography, Mineralogy and Geochemistry Russian Academy of Science, M.V. Lomonosov Moscow State University, Nuclear Safety Institute Russian Academy of Science. <i>"Clay minerals transformation in technogenic conditions"</i>                       | mixed   |
| 12:15-13:15 | <b>Presentation on Group Discussions</b>                                                                                                                                                                                                                                                                                            | mixed   |
| 13:15-13:30 | <b>Group Photo</b>                                                                                                                                                                                                                                                                                                                  | offline |
| 13:30-14:30 | <b>Lunch</b>                                                                                                                                                                                                                                                                                                                        | offline |
| 14:30-16:30 | <b>Poster session</b>                                                                                                                                                                                                                                                                                                               | offline |
| 16:30-17:00 | <b>Coffee Break</b>                                                                                                                                                                                                                                                                                                                 | offline |
| 17:00-18:00 | <b>Special session 1.</b> Samsung workshop "Galaxy UpCycling – holographic imaging"<br><i>Volkova Tatiana, Lead specialist in Corporate Social Responsibility, Samsung R&amp;D Institute Russia</i>                                                                                                                                 | offline |
| 18:00-18:30 | <b>Special session 2.</b> NRF Programs "2021 Korea's Invitation Programs for Outstanding Overseas Researchers (Brain Pool, Brain Pool Plus)"<br><i>Choi Donggi, Executive Director of KORUSTEC</i>                                                                                                                                  | offline |
| 18:30-19:30 | <b>Networking</b>                                                                                                                                                                                                                                                                                                                   | offline |
| 19:30-21:00 | <b>Banquet</b>                                                                                                                                                                                                                                                                                                                      | offline |

# YOUNG GENERATION / PROFESSIONAL FORUM THE NEXT-GENERATION SCIENCE AND TECHNOLOGY LEADERS ALUMNI NETWORKING FORUM AT CISKC-2021

TIMETABLE / КРАТКАЯ ПРОГРАММА\*

## Aug 28, 2021 (Grand Ballroom)

| Time        | Description                                                                                                                                                                                                                          | Format  |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 08:00-09:00 | <b>Breakfast</b>                                                                                                                                                                                                                     | offline |
| 09:00-09:45 | <b>Keynote Speech 5.</b> Dr. Shin Kyung-Nam,<br>Assistant Director-General Head of Investment and Policy<br>Solutions Division Global Green Growth Institute. <i>"Green Growth<br/>and Climate Resilient Development"</i>            | mixed   |
| 09:45-10:30 | <b>Keynote Speech 6.</b> Ogay Vyacheslav,<br>PhD, Head of the Stem Cell Laboratory at the National Center for<br>Biotechnology. <i>"The Therapeutic Potential of Mesenchymal Stem<br/>Cells in the Treatment of Atherosclerosis"</i> | mixed   |
| 10:30-10:40 | <b>Break</b>                                                                                                                                                                                                                         |         |
| 10:40-11:25 | <b>YGF / YPF Review and Closing Ceremony (Laurus)</b>                                                                                                                                                                                | offline |
| 11:25-11:45 | <b>Coffee Break</b>                                                                                                                                                                                                                  | offline |
| 11:45-13:00 | <b>YGF/YPF/Alumni networking</b>                                                                                                                                                                                                     | offline |
| 13:00-14:00 | <b>Hotel check-out</b>                                                                                                                                                                                                               | offline |
| 13:45-14:45 | <b>Lunch</b>                                                                                                                                                                                                                         | offline |



## Ambassador Chung Raekwon

Nobel Peace Prize Laureate, Member of the Global Energy Prize International Award Committee  
Professor Emeritus, Incheon National University

*"Unstoppable Global Trend: Net Zero 2050 & Russia"*

## About Speaker

The Global Energy Prize International Award Committee Chairman

Board Director, Ban Kimoon Foundation

Former Climate Change Ambassador of Korea

lead author of the Intergovernmental Panel on Climate Change (IPCC), awarded a personal copy of the Nobel Peace Prize in 2007

Principal Climate change advisor to UN Secretary-General

Director, Environment and Development, UN ESCAP

Professor Emeritus at Institute of Convergence, Science and Technology of Incheon National University, Korea

Mr. Chung advocated Low Carbon Green Growth as a new paradigm to sustain economic growth and job creation while coping with the risk of climate change since 2005. He proposed and incorporated innovative ideas on technology transfer such as compulsory licensing and transfer of publicly-owned technologies into the Agenda 21 adopted in 1992 at the Earth Summit in Rio de Janeiro.

Rae Kwon Chung proposed the idea of unilateral CDM (Clean Development Mechanism) to enable developing countries to initiate green-house gas mitigation projects on their own initiative. For his contribution to the report of IPCC on technology transfer as lead author, he received a personal copy of Nobel Peace Prize awarded to IPCC in 2007. He holds the position of Advisor to the Chair of High-Level Expert and Leaders Panel (HELP) on Water and Disasters under the UN Secretary-General. Previously he served as Climate Change Ambassador of the Republic of Korea, Principal Advisor on Climate Change to the Secretary-General of the UN and as Director for Environment and Development of the UN ESCAP (Economic and Social Commission for Asia and the Pacific). Under his leadership, ESCAP has launched in 2012 a special report titled "The Low Carbon Green Growth Roadmap" which could serve as blueprint for policy makers on Green Growth strategies. This Roadmap lays out specific policy options and compiled best practices and success stories of harnessing green policies as driver of economic growth.



## Oh Dong Hoon

Managing director of the technology policy group of the office for strategic RnD planning under the Ministry of Industry of Korea.

*"How to increase the RnD Productivity and its Fruits: Lessons from Korea (semiconductors, automobiles, CDMA, LNG carrier)"*

# About Speaker

## Academic Career

1. Feb. 1991, Graduated from the Department of Physics, Korea University (B.S.)
2. Feb. 1994, Graduated from the Program in History and Philosophy of Science, Seoul National University (M.S.)
3. Aug. 1999, Graduated from the Program in History and Philosophy of Science, Seoul National University (Ph. D.)

## Job Career

1. Mar. 2020 – Present. Managing Director, Office of Strategic R&D Planning, Ministry of Trade, Industry, and Energy.
2. Jun. 2018 – Feb. 2020. CEO, Wisen Global, Co.
3. Aug. 2014 – Feb. 2020. Partner, Technovation Partners, Co.
4. Jan. 2014 – Jul. 2014. Senior Research Fellow, Office of S&T Policy & Planning (KISTEP)
5. Jan. 2013 – Jan. 2014. Research Fellow, Korea National Defense University
6. Dec. 2011 – Jan. 2013. Director General, Office of S&T Policy & Planning (KISTEP)
7. Dec. 2010 – Nov. 2011. Director General, Office of R&D Evaluation and Analysis (KISTEP)
8. Apr. 2010 – Dec. 2010. Director General, Office of Management (KISTEP)
9. Dec. 2009 – Apr. 2010. Director, Division of Strategic Planning and Global Cooperation, KISTEP
10. Nov. 2008 – Nov. 2009. Director, S&T Analysis and Indicators Division, KISTEP
11. Oct. 2006 – Oct. 2008, Project Manager (Consultant), OECD, France.
12. Sep. 2006 – Oct. 2006. Head, S&T Evaluation Team, KISTEP
13. Aug. 2003 – Aug. 2004. International Research Fellow, SRI International, US.
14. Jul. 2000 – 2005. Associate Research Fellow, Korea Institute of S&T Evaluation and Planning (KISTEP).
15. Sep. 1999 – Jul. 2000, Researcher, Institute of Basic Sciences, Seoul National University.
16. Sep. 1997 – Dec. 1997, Foreign Research Fellow, University of Tokyo.
17. Sep. 1994 – Dec. 2000, Lecturer, Dongguk University, Sookmyung Women's University, Gyeonghee University, and Korean University of Foreign Language, Korea University.

## Books

1. Kwansoo Lee, Donghoon Oh, Science in Society and Society in Science (Hansaem Publishing Co., 1994).
2. Nakayama Shigeru (Donghoon Oh translated.), Science and Technology in Japan after WWII (Sohwa Pub. Co., 1997).
3. Seong Rae Park, Dong won Shin, and Donghoon Oh, One Hundred Years of Korean Science (Hyunamsa, 2001).
4. Donghoon Oh, U Jang Choon: A Biography on Korean-Japanese Agriculturist (Kyowon Pub. Co., 2002).
5. Donghoon Oh, Lee Hui So: A Portrait of Korean-American Physicist (Kyowon Pub. Co., 2002).

Oh Dong Hoon has more than one hundred papers and reports.



## Krupskaya Victoria

PhD, Institute of Ore Geology, Petrography, Mineralogy and Geochemistry Russian Academy of Science, Nuclear Safety Institute Russian Academy of Science.

*"Clay minerals transformation in technogenic conditions"*

## About Speaker

President of the Russian Clay Group affiliated to the International Association for the Study of Clays

President of the Commission on Clay Minerals of the Russian Mineralogical Society

The main research interests

Research in the field of safe disposal of radioactive waste, particularly in the field of development, creation and assessment of the evolution of the properties of materials of engineering safety barriers in the disposal of radioactive waste in geological formations.

Conducting own experimental research in the laboratory and engaging other groups in Russia, as well as in other countries (projects in Germany, Brazil, Belarus, Japan, etc.). Coordination and management of works on the engineered barrier systems for the creation of a radioactive waste disposal facility in Russia in terms.

Development of the Group for the Study of Clays and Clay Minerals in Russia, which includes the organization of regular Russian and international events, training courses, supervising student theses and Ph.D. theses, developing our own training courses, creating an atmosphere for the transfer of experience between generations and opportunities for convergence of industry and science. The organizer of the International Conference on Clays in Science and Technology - EUROCLAY-2023 in Moscow, 10-14 July 2023 <http://www.2023euroclay.ru>

Memberships:

2013 – Chairmen of Russian Clay Group

2013 – a member of the Clay Minerals Society

2011 – Chairmen of the Commission on Clay Minerals of the Russian Mineralogical Society

2004 - a member of the Russian Clay Group, Branch of the Clay Mineral Society

Expertise:

Expert of the Russian Science Foundation

Reviewer in scientific journals: Applied Clay Science (Elsevier, Q1), Applied Science (MDPI, Q2), Minerals (MDPI, Q2), Lithology and Minerals (Science Publishing)

Topic Editor: Applied Clay Science (MDPI, Q1), Minerals (MDPI, Q2), Applied Science (MDPI, Q2)

Associate Editor: Clays and Clay Minerals (Clay Minerals Society)



## Yu Valentina Konstantinovna

Doctor of Chemical Sciences, Full Professor (2007)

*"The fine organic synthesis approaches to the search for effective drugs for the treatment of immunodeficiency states of various etiologies".*

## About Speaker

Dr. Yu is well-known specialist in chemistry. She specializes in synthesis of a new organic substances with biological activity. She is the Principal Scientist in the Laboratory of Synthetic and Natural Medicinal Substances Chemistry of the Bekturov Institute of Chemical Sciences, Almaty (Kazakhstan). Valentina Yu is Laureate of the State Prize of the Republic of Kazakhstan (2003).

The area of scientific interests includes fine organic classical and green synthesis of new complex heteroorganic systems, proof of their structure, study of biological properties, as well as analysis of the "structure of molecules-activity".



## Dr. Shin Kyung-Nam

Assistant Director-General Head of Investment and Policy  
Solutions Division Global Green Growth Institute

*"Green Growth and Climate Resilient Development"*

## About Speaker

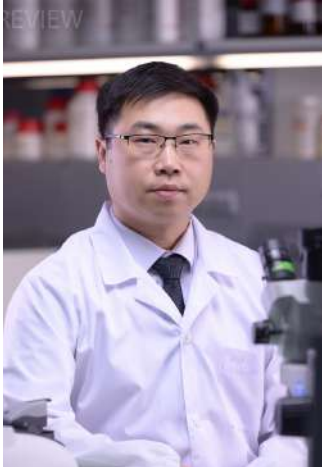
Dr. Kyung-Nam (Kevin) Shin worked at the **Asian Development Bank (ADB)** for 15 years as a senior staff. As a Principal Financing Partnerships Specialist, he mobilized substantial amounts of financial resources from the public sector and the private sector. Mr. Shin developed various financing framework agreements between ADB, governments, multilateral and bilateral development banks, and international financing partners. As a Senior Financial Sector Specialist (Mission Leader), he successfully processed lots of project loans in the areas of climate technology related infrastructure financing, public resource management, financial/fiscal management, ICT/MIS, and development planning and management in South Asian countries. Mr. Shin also developed ADB's operations manual, bank policies, and operational procedures. He advised many project teams on financial and legal issues relating to project processing, administration, capacity development, and project evaluation.

Before joining ADB, Dr. Shin worked at the **Ministry of Finance and Economy (MOFE)** of Korea as a senior official for more than 13 years. He contributed to MOFE in the areas of international finance, official development assistance, public resource management, public accounting, and national tax. Through Dr. Shin's professional working experiences at MOFE and ADB, he has established comprehensive networks with senior level of decision-makers at various ministries in the developing countries, international financing partners, and relevant stakeholders which are essential for him to identify, develop, and process multiple project loans in line with the needs of the developing countries.

After his work at ADB, since January 1997 until May 2020, Dr. Shin worked as a Director-General at **Green Technology Center (GTC)**, a Korean government agency for the development of green and climate technology projects under the Ministry of Science & ICT. During his stay at GTC, he developed multiple creative green growth, climate adaption and low-carbon emission infrastructure projects in various areas including renewable energy, low carbon transport, urban solid waste management, waste water treatment, and carbon capture utilization & storage in Asian and African countries. Since July 2020 until April 2021, he worked as a Professor at **Kyung Hee University**. He was a member of government committees including Committee for International Development Cooperation (CIDC) under the Prime Minister's Office and Committee for Climate Change & Environment under Korea International Cooperation Agency (KOICA).

Dr. Shin is currently working as Assistant Director-General and Head of Investment & Policy Solutions Division at **Global Green Growth Institute (GGGI)**, a leading think-tank international organization with a mission of promoting green growth and climate resilient development for developing countries. Dr. Shin is in charge of low carbon & climate resilient project development, resource mobilization including green financing, and strategy & business development.

He has received a bachelor's degree on Economics and a master's degree on Public Finance at the **Seoul National University**. He studied law at **Columbia University School of Law** and obtained a Juris Doctor. He is New York State Attorney at law and Korea Authorized Public Attorney (APA).



## Ogay Vyacheslav

PhD, Head of the Stem Cell Laboratory at the National Center for Biotechnology.

---

*"The Therapeutic Potential of Mesenchymal Stem Cells in the Treatment of Atherosclerosis"*

---

## About Speaker

Dr. Vyacheslav Ogay is a Head of the Stem Cell Laboratory at the National Center for Biotechnology, Kazakhstan. He received his Ph.D. degree in Biological Science at the Institute of Cell Biophysics of Russian Academy of Sciences in 2003. From 2004 to 2009 he has been a postdoctoral research fellow and then a senior researcher at Seoul National University. He has published 8 domestic and international patents and than 40 publications in peer-reviewed journals including Cell Transplantation, Stem Cells International, Inflammation Research and Polymers. His main research interest is focused on strategies to improve the immunosuppressive and regenerative properties of mesenchymal stem cells, stem cell-based therapy for atherosclerosis, ischemic stroke, osteoarthritis and rheumatoid arthritis, an injectable drug delivery systems for bone and cartilage regeneration.

# ПРИЛОЖЕНИЕ 1. СПЕЦИАЛЬНАЯ СЕССИЯ 1



## Волкова Татьяна

Ведущий специалист по программам корпоративной социальной ответственности в Исследовательском центре Samsung

### Мастер-класс Samsung “Galaxy UpCycling – голографическое изображение”.

В настоящее время активно распространяются концепции бережного потребления и модель циркуляционной экономики. Развивается популярное в Европе, но пока мало известное в России направление Upcycling. Оно подразумевает повторное использование старых вещей в новом качестве. Что полезного можно сделать из старого телефона на базе Android? Есть ли еще какие-то варианты использования техники, помимо ее изначального предназначения?

Один из вариантов – сделать обучающую игрушку, а может быть даже и целую мини-инсталляцию для иллюстрации принципов геометрической оптики. В формате короткого мастер-класса мы будем делать забавный, очень несложный оптический трюк - сделаем голографическую 3D-пирамидку для смартфона или планшета. На ее грани будет проецироваться изображение, которое мы сможем увидеть в темноте как своего рода голограмму. Склеивать пирамиду будем из прозрачного пластика. Для прохождения мастер-класса вам не потребуются специальных знаний.

## ПРИЛОЖЕНИЕ 2. СПЕЦИАЛЬНАЯ СЕССИЯ 2



**Donggi Choi**

Executive Director of KORUSTEC

### NRF Programs “2021 Korea's Invitation Programs for Outstanding Overseas Researchers (Brain Pool, Brain Pool Plus)”

On behalf of the Ministry of Science and ICT, the National Research Foundation of Korea(NRF) operates <Global Researcher Invitation Programs> that support outstanding overseas researchers to carry out R&D activities at research institutes in Korea. For the last three years(2018-2020), 900 overseas researchers have been supported by the programs, and the program volume is expanding every year.

The NRF has been trying to optimize the program structure. Last year <Brain Pool Plus Program> was established to support domestic research institutions to hire foreign researchers as full-time employees in new industrial fields, and this year <KRF(Korea Research Fellowship)> was integrated into <Brain Pool program>.

In addition, to support the domestic research institutions that want to find overseas researchers and overseas researchers who have not been able to secure Korean host institutions, the NRF launched a new recruitment matching platform <RPIK(Research position in Korea)>.

Korea is the country that has the fourth largest amount of government R&D investment among OECD countries (in 2018). This session will be an opportunity to present a new choice to competent and promising scientists in Russia and the CIS region.

## ПРИЛОЖЕНИЕ 3. СПЕЦИАЛЬНАЯ СЕССИЯ 3



### Пак Николай Инсебович

д.п.н., профессор, Красноярский государственный педагогический университет, лауреат государственной премии правительства РФ в области образования 2020г.

#### Круглый стол - Образование “Когнитивная революция в образовании”

##### **Проблемное поле**

В настоящее время образование перестает удовлетворять обучаемого, преподавателя, родителей. Помимо качественных изменений в образовательной среде должны меняться цели и продукты образовательной системы. Знаниевые и компетентностные парадигмы образования необходимо расширить когнитивными результатами обучения. К примеру, помимо предметных, метапредметных и личностных результатов обучения важно предусмотреть формирование и развитие у обучаемых их вычислительного «компьютерного» мышления. Вычислительное мышление-«computational thinking» представляет главный феномен трансформации образования, поскольку современные компьютеры и гаджеты становятся неотъемлемой частью нашего мышления. Современные высокотехнологичные производства, непредсказуемые угрозы и необходимость осуществлять профессиональную деятельность в условиях неопределенности или избыточности информации и знаний делают интуитивное мышление важнейшей составляющей многих специалистов. Интуитивное мышление как способ принятия решений и осуществления деятельности неосознанно, без подкрепляющей теории, давно перешло из разряда «дар» в разряд «навык», и его необходимо целенаправленно развивать в образовательном процессе.

Таким образом, в образовании назрела революционная ситуация – смена знаниевых и компетентностных результатов образования на формирование и развитие у обучаемых когнитивных способностей, в первую очередь вычислительного, структурного и интуитивного мышления. При этом стремительное и широкое распространение «цифры» в обществе обуславливает необходимость скорейшей и эффективной цифровой трансформации образования с позиций когнитивных (ментальных) технологий.

**Цель дискуссии** – обозначить контуры наступающей когнитивной революции в образовании, обсудить когнитивные подходы, развивающие и дополняющие принципы современной дидактики при цифровой трансформации образования, проанализировать новые средства и методы обучения с помощью ментальных технологий для развития у обучаемых их вычислительного, структурного, интуитивного мышления.

## ПРИЛОЖЕНИЕ 4. СПЕЦИАЛЬНАЯ СЕССИЯ 4



### **Хван Александр Дмитриевич**

д.т.н., доц., директор Инновационного бизнес-инкубатора ФГБОУ ВО "Воронежский государственный университет"

Мастер-класс проекта AKSTS Startup. "Презентация проекта, развитие и предложения о сотрудничестве"

Проект «AKSTS STARTUP» направлен на развитие взаимодействия русскоговорящих корейцев и корейцев из Республики Корея и других стран в областях инновационного предпринимательства и научно-технических исследований. Участники проекта получают навыки создания инновационных проектов и возможность представить свои разработки инвесторам с целью вывода стартапа на рынок. Запланированные мероприятия в рамках проекта позволят участникам наладить новые связи с единомышленниками из разных регионов России и других стран.

## ПРИЛОЖЕНИЕ 5. СПЕЦИАЛЬНАЯ СЕССИЯ 5



### **Ким Александр Алексеевич**

доцент кафедры международных отношений и права Владивостокский государственный университет экономики и сервиса

Специфики направлений некоторых грантовых программ Республики Корея и ФРГ.

В презентации рассматриваются особенности наиболее крупных или популярных грантовых программ РК и ФРГ, методика их финансирования, материальные базы и результаты получения грантов для заявителей. Так же представлены списки наиболее известных грантовых направлений фондов двух стран, их специфика в научной деятельности и возможности, которые они предоставляют своим участникам даже после завершения программ. Рассматриваются программы, которые позволяют подавать заявки как индивидуально, так и коллективно. Кроме того, есть варианты подачи заявок на гранты институциональные. Презентация не претендует на охват всех грантовых программ РК и ФРГ, а затрагивает только те, с которыми сталкивался автор или его знакомые коллеги.

## S&T Session A. Engineering

### Секция А. Инженерные науки

August 27 (14:30 - 15:30) Head Khwan Alexander, Dr. Sc.

27 августа (14:30 - 15:30) Председатель Хван Александр Дмитриевич, д.т.н.

Зал Grand Ballroom

| Time<br>Время  | Докладчик                                                      | Speaker                                 | Affiliation, City<br>Организация,<br>город                                 | Тема доклада на русском                                                                                                                          | Title in English                                                                                                      |
|----------------|----------------------------------------------------------------|-----------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| 14:30<br>14:45 | Хван Александр<br>Дмитриевич                                   | Khvan<br>Alexander                      | ФГБОУ ВО<br>«Воронежский<br>государственный<br>университет»,<br>г. Воронеж | ШТАМП ДЛЯ ОСАДКИ С<br>КРУЧЕНИЕМ ДЛИННОМЕРНЫХ<br>ЦИЛИНДРИЧЕСКИХ ЗАГОТОВОК                                                                         | STAMP FOR COMPRESSION WITH<br>TORSION LONG CYLINDRICAL<br>BILLETS                                                     |
| 14:45<br>15:00 | Чеботарев<br>Юрий<br>Сергеевич,<br>Ким Николай<br>Владимирович | Chebotaryev<br>Yuriy, Kim<br>Nikolay    | НИУ «МАИ»<br>г. Москва                                                     | ПРИМЕНЕНИЕ РОБОТОВ-<br>МАНИПУЛЯТОРОВ НА БОРТУ<br>КОСМИЧЕСКИХ АППАРАТОВ<br><br>Online                                                             | THE USAGE OF ROBOTIC<br>MANIPULATORS ON A BOARD<br>OF SPACECRAFT<br><br>Online                                        |
| 15:00<br>15:15 | Умурзаков<br>Денис<br>Давлатович,<br>Чо Гван Чун               | Umurzakov<br>Denis,<br>Cho Gvan<br>Chun | НИУ «МЭИ»,<br>г. Москва                                                    | ПРИМЕНЕНИЕ СИСТЕМ<br>НАКОПЛЕНИЯ ЭЛЕКТРОЭНЕРГИИ<br>В ЭЛЕКТРОУСТАНОВКАХ<br>ПРОМЫШЛЕННЫХ<br>ПОТРЕБИТЕЛЕЙ ДЛЯ СНИЖЕНИЯ<br>ЗАТРАТ НА ЭЛЕКТРОСНАБЖЕНИЕ | APPLICATION OF ENERGY<br>STORAGE SYSTEMS IN<br>INDUSTRIAL CONSUMERS'<br>POWER SYSTEMS TO REDUCE<br>POWER SUPPLY COSTS |
| 15:15<br>15:30 | Discussion / Обсуждение докладов                               |                                         |                                                                            |                                                                                                                                                  |                                                                                                                       |

## S&T Session B. Math and IT

### Секция В. Математика и информационные технологии

August 27 (15:30 - 16:30) Head Kim Roman, PhD.

27 августа (15:30 - 16:30) Председатель Ким Роман Валерьевич, к.т.н.

Зал Grand Ballroom

| Time<br>Время  | Докладчик                   | Speaker          | Affiliation, City<br>Организация,<br>город                                                 | Тема доклада на русском                                                                        | Title in English                                                                                 |
|----------------|-----------------------------|------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 15:30<br>15:40 | Ни Александр<br>Эдуардович  | Nee<br>Alexander | Томский<br>политехнический<br>университет,<br>г. Томск,                                    | РЕШЕТОЧНЫЙ МЕТОД<br>БОЛЬЦМАНА В ЗАДАЧАХ<br>ТЕПЛОМАССОПЕРЕНОСА<br><br>Online                    | LATTICE BOLTZMANN METHOD<br>FOR HEAT AND MASS TRANSFER<br>PROBLEMS<br><br>Online                 |
| 15:40<br>15:50 | Хе Александр<br>Канчерович  | Khe<br>Alexander | Институт<br>гидродинамики им.<br>М. А. Лаврентьева<br>СО РАН,<br>г. Новосибирск            | ЭНЕРГИЯ ГИДРОУПРУГОЙ<br>СИСТЕМЫ В ПРИЛОЖЕНИЯХ К<br>ГЕМОДИНАМИКЕ                                | ENERGY OF A HYDROELASTIC<br>SYSTEM IN APPLICATIONS TO<br>HEMODYNAMICS                            |
| 15:50<br>16:00 | Ким Аркадий<br>Владимирович | Kim Arkadiy      | Институт<br>математики и<br>механики им Н.Н.<br>Красовского УрО<br>РАН,<br>г. Екатеринбург | АЛГОРИТМ ПРИБЛИЖЕННОГО<br>РЕШЕНИЯ ФУНКЦИОНАЛЬНО<br>ДИФФЕРЕНЦИАЛЬНЫХ<br>УРАВНЕНИЙ<br><br>Online | AN ALGORITHM OF THE<br>APPROXIMATE SOLVING<br>FUNCTIONAL DIFFERENTIAL<br>EQUATIONS<br><br>Online |

| <b>Time<br/>Время</b> | <b>Докладчик</b>              | <b>Speaker</b>   | <b>Affiliation, City<br/>Организация,<br/>город</b>                         | <b>Тема доклада на русском</b>                                                                           | <b>Title in English</b>                                                                                                                                 |
|-----------------------|-------------------------------|------------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| 16:00<br>16:10        | Ким Анастасия<br>Андреевна    | Kim<br>Anastasia | НИУ «ВШЭ»,<br>г. Москва                                                     | АНАЛИЗ И РЕИНЖИНИРИНГ<br>БИЗНЕС-ПРОЦЕССОВ<br>УНИВЕРСИТЕТА В РАЗРЕЗЕ<br>ДЕЯТЕЛЬНОСТИ ПРИЕМНОЙ<br>КОМИССИИ | BUSINESS PROCESSES ANALYSIS<br>AND RE-ENGINEERING IN THE<br>HIGHER EDUCATION<br>INSTITUTION IN THE CONTEXT<br>OF THE ADMISSIONS<br>COMMITTEE ACTIVITIES |
| 16:10<br>16:20        | Цой Галина<br>Викторовна      | Tsoy Galina      | НИУ «ВШЭ»,<br>г. Москва                                                     | АНАЛИЗ ПРОЦЕССОВ<br>ТРАНСПОРТНОЙ КОМПАНИИ<br>МЕТОДАМИ PROCESS MINING<br><br>Online                       | ANALYSIS OF TRANSPORT<br>COMPANY PROCESSES<br>BY THE PROCESS MINING<br>TECHNOLOGY<br><br>Online                                                         |
| 16:20<br>16:30        | Ким Владислав<br>Вячеславович | Kim<br>Vladislav | Институт<br>проектирования,<br>архитектуры и<br>дизайна,<br>г. Екатеринбург | ИНСОЛЯЦИОННЫЙ РАСЧЕТ<br>СТРОИТЕЛЬНЫХ ОБЪЕКТОВ<br>МЕТОДОМ КОНИЧЕСКИХ<br>ПОВЕРХНОСТЕЙ                      | INSOLATION CALCULATION OF<br>CONSTRUCTION OBJECTS BY<br>THE METHOD OF CONICAL<br>SURFACES                                                               |

## S&T Session C. Biotechnology and medicine

### Секция С. Биотехнологии и медицина

August 28 (11:45 - 13:45) Head Ogay Marina, Dr. Sc., Co-Head Kim Aleksandra

28 августа (11:45 - 13:45) Председатель Огай Марина Алексеевна, д.фарм.н., Сопредседатель Ким Александра Вячеславовна

Зал Laurus

| Time<br>Время  | Докладчик                      | Speaker           | Организация,<br>город                                                                                    | Тема доклада на русском                                                                                                 | Title in English                                                                                                                    |
|----------------|--------------------------------|-------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 11:45<br>11:57 | Пак Валерий<br>Викторович      | Pak Valeriy       | ООО «Tegen Group»,<br>Узбекистан                                                                         | ЕДИНЫЙ ПОДХОД К РАЗРАБОТКЕ<br>КОРОТКИХ ЛИНЕЙНЫХ<br>ПЕПТИДОВ В КАЧЕСТВЕ<br>КОНКУРЕНТНОГО ИНГИБИТОРА<br>ГМГ-КОА-РЕДУКТАЗЫ | A UNIFIED APPROACH FOR<br>DESIGN OF SHORT LINEAR<br>PEPTIDES AS A COMPETITIVE<br>INHIBITOR FOR HMG-COA<br>REDUCTASE                 |
| 11:57<br>12:09 | Хван Олег<br>Иннокентиевич     | Hwang Oleg        | Республиканский<br>научно-<br>практический центр<br>судебно-<br>медицинской<br>экспертизы,<br>Узбекистан | ЭКСПЕРТНАЯ ОЦЕНКА<br>ПОВРЕЖДЕНИЙ ПРИ ПАДЕНИИ С<br>ВЫСОТЫ И ВЫСОТЫ<br>СОБСТВЕННОГО РОСТА<br><br>Online                   | EXPERT ASSESSMENT OF<br>DAMAGES WHEN FALLING<br>FROM HEIGHT AND HEIGHT OF<br>OWN GROWTH<br><br>Online                               |
| 12:09<br>12:21 | Ким Александра<br>Вячеславовна | Kim<br>Aleksandra | ДВФУ,<br>г. Владивосток                                                                                  | ВЛИЯНИЕ АНТРОПОГЕННОГО<br>ЗАГРЯЗНЕНИЯ НА БАКТЕРИЙ<br>РОДА PSEUDOMONAS,<br>ВЫДЕЛЕННЫХ ИЗ АКВАТОРИЙ<br>ПРИМОРСКОГО КРАЯ   | INFLUENCE OF<br>ANTHROPOGENIC POLLUTION<br>ON BACTERIA OF THE GENUS<br>PSEUDOMONAS ISOLATED<br>FROM THE WATERS OF<br>PRIMORSKY KRAI |

| <b>Time<br/>Время</b> | <b>Докладчик</b>                                                     | <b>Speaker</b>                          | <b>Организация,<br/>город</b>                                                                                              | <b>Тема доклада на русском</b>                                                                                                                                                                                              | <b>Title in English</b>                                                                                                                                                                                               |
|-----------------------|----------------------------------------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12:21<br>12:33        | Син Артем<br>Владимирович                                            | Sin Artyom                              | ФГБОУ ВО УГМУ<br>Минздрава России,<br>г. Екатеринбург                                                                      | ЭПИДЕМИОЛОГИЧЕСКОЕ<br>ОБОСНОВАНИЕ ПУТЕЙ<br>ПРОФИЛАКТИКИ СЕРДЕЧНО-<br>СОСУДИСТЫХ ЗАБОЛЕВАНИЙ<br>СРЕДИ НАСЕЛЕНИЯ,<br>ПРОЖИВАЮЩЕГО НА<br>ТЕРРИТОРИИ РИСКА<br><br>Online                                                        | EPIDEMIOLOGICAL<br>JUSTIFICATION OF WAYS TO<br>PREVENT CARDIOVASCULAR<br>DISEASES AMONG THE<br>POPULATION LIVING IN THE<br>RISK AREA<br><br>Online                                                                    |
| 12:33<br>12:45        | Ким Лена<br>Борисовна                                                | Kim Lena                                | ФГБНУ<br>«Федеральный<br>исследовательский<br>центр<br>фундаментальной и<br>трансляционной<br>медицины»,<br>г. Новосибирск | ОСОБЕННОСТИ<br>РЕМОДЕЛИРОВАНИЯ<br>ВНЕКЛЕТОЧНОГО МАТРИКСА<br>СЕЛЕЗЕНКИ МЫШЕЙ ПРИ<br>ВВЕДЕНИИ ЛИПОСОМАЛЬНОЙ<br>ФОРМЫ ДЕКСТРАЗИДА И<br>ИЗОНИАЗИДА В ПЕРИОДЕ<br>СТАБИЛИЗАЦИИ<br>БЦЖ-ИНДУЦИРОВАННОГО<br>ВОСПАЛЕНИЯ<br><br>Online | REMODELING OF THE MICE<br>SPLEEN EXTRACELLULAR<br>MATRIX UNDER THE<br>ADMINISTRATION OF THE<br>LIPOSOMAL FORM OF<br>DEXTRAZIDE AND ISONIAZID IN<br>THE STABILIZED PERIOD OF<br>BCG-INDUCED INFLAMMATION<br><br>Online |
| 12:45<br>12:57        | Душанова<br>Гавхар<br>Абдукаримовна,<br>Кан Светлана<br>Владимировна | Dushanova<br>Gavhar,<br>Kan<br>Svetlana | Samarkand State<br>University,<br>Узбекистан                                                                               | ЭПИГЕНЕТИЧЕСКАЯ РЕГУЛЯЦИЯ<br>АУТОИММУННЫХ ПРОЦЕССОВ<br><br>Online                                                                                                                                                           | EPIGENETIC REGULATION OF<br>AUTOIMMUNE PROCESSES<br><br>Online                                                                                                                                                        |

| <b>Time<br/>Время</b> | <b>Докладчик</b>                                                   | <b>Speaker</b>                           | <b>Организация,<br/>город</b>                                                              | <b>Тема доклада на русском</b>                                                                                                            | <b>Title in English</b>                                                                                                                                                             |
|-----------------------|--------------------------------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12:57<br>13:09        | Бакулин<br>Константин<br>Сергеевич, Огай<br>Марина<br>Алексеевна   | Bakulin<br>Konstantin,<br>Ogay<br>Marina | Пятигорский<br>медико-<br>фармацевтический<br>институт - филиал<br>ВолГМУ,<br>г. Пятигорск | ФАРМАКОЛОГИЧЕСКИЕ<br>ИССЛЕДОВАНИЯ<br>РАЗРАБОТАННОЙ ТВЕРДОЙ<br>ЛЕКАРСТВЕННОЙ ФОРМЫ С<br>МЕТФОРМИНОМ                                        | PHARMACOLOGICAL STUDIES<br>OF THE DEVELOPED SOLID<br>DOSAGE FORM WITH<br>METFORMIN                                                                                                  |
| 13:09<br>13:21        | Давыдова<br>Виктория<br>Владимировна,<br>Огай Марина<br>Алексеевна | Davydova<br>Viktoriya,<br>Ogay<br>Marina | Пятигорский<br>медико-<br>фармацевтический<br>институт – филиал<br>ВолГМУ,<br>г. Пятигорск | ПОИСК ВОЗМОЖНОСТЕЙ<br>СОЗДАНИЯ ИННОВАЦИОННЫХ<br>ЛЕКАРСТВЕННЫХ ФОРМ<br>АНТИАЛЛЕРГИЧЕСКОЙ<br>НАПРАВЛЕННОСТИ ДЕЙСТВИЯ<br><br>Online          | SEARCH FOR POSSIBILITIES FOR<br>CREATION OF INNOVATIVE<br>DOSAGE FORMS OF<br>ANTIALLERGIC ACTION<br><br>Online                                                                      |
| 13:21<br>13:33        | Юн Виктор<br>Ларинович                                             | Yun Viktor                               | ООО «Приоритет-<br>Восток Трейдинг»,<br>г. Усурийск                                        | БИОЛОГИЧЕСКАЯ<br>ЭФФЕКТИВНОСТЬ НОВОГО<br>ФУНГИЦИДА ЭКСЕЛЕНТ НА СОЕ                                                                        | NEW FUNGICIDE EXCELENT.<br>BIOLOGICAL EFFICIENCY ON<br>SOYBEANS                                                                                                                     |
| 13:33<br>13:45        | Ан Розалия<br>Николаевна                                           | An Rozaliya                              | ФГБОУ ВО УГМУ<br>Минздрава России,<br>г. Екатеринбург                                      | ВЛИЯНИЕ ФАКТОРОВ РИСКА И<br>ФАКТОРОВ ПЕРЕДАЧИ<br>НА РАЗВИТИЕ ЭПИДЕМИЧЕСКОГО<br>ПРОЦЕССА<br>ОСТРЫХ КИШЕЧНЫХ ИНФЕКЦИЙ<br>ВИРУСНОЙ ЭТИОЛОГИИ | IMPACT OF RISK FACTORS AND<br>TRANSMISSION FACTORS<br>ON THE DEVELOPMENT OF THE<br>EPIDEMIC PROCESS<br>ACUTE INTESTINAL INFECTIONS<br>OF VIRAL ETIOLOGY<br>ON THE TERRITORY OF RISK |

## S&T Session D. Chemistry and new materials

### Секция D. Химия и новые материалы

August 28 (12:30 - 13:45) Head Kim Kseniya, PhD

28 августа (12:30 - 13:45) Председатель Ким Ксения Борисовна, к.х.н.

Зал Grand Ballroom

| Time<br>Время  | Докладчик                  | Speaker         | Affiliation, City<br>Организация, город                          | Тема доклада на русском                                                                                                               | Title in English                                                                                                |
|----------------|----------------------------|-----------------|------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| 12:30<br>12:45 | Ким Ксения<br>Борисовна    | Kim<br>Kseniya  | ВГУИТ,<br>г. Воронеж                                             | ЭЛЕКТРОДИАЛИЗ РАСТВОРА<br>СУЛЬФАТА НАТРИЯ С<br>ЭКСПЕРИМЕНТАЛЬНЫМИ<br>БЕНТОНИТ-<br>МОДИФИЦИРОВАННЫМИ<br>БИПОЛЯРНЫМИ МЕМБРАНАМИ         | ELECTRODIALYSIS OF SODIUM<br>SULFATE SOLUTION WITH<br>EXPERIMENTAL BENTONITE-<br>MODIFIED BIPOLAR<br>MEMBRANES  |
| 12:45<br>13:00 | Тхай Валерий<br>Дмитриевич | Thai<br>Valeriy | ФГБОУ ВО «УГМУ»,<br>г. Екатеринбург                              | КОМПЛЕКСООБРАЗОВАНИЕ В<br>РАСПЛАВЛЕННЫХ СРЕДАХ И<br>ВЛИЯНИЕ НА ПРОЦЕССЫ<br>ВЗАИМОДЕЙСТВИЯ С<br>МЕТАЛЛАМИ                              | COMPLEX FORMATION IN<br>MOLTEN MEDIA AND<br>INFLUENCE ON THE PROCESSES<br>OF INTERACTION WITH METALS            |
| 13:00<br>13:15 | Ким Евгений<br>Давидович   | Kim<br>Evgeniy  | Тихоокеанский<br>государственный<br>университет,<br>г. Хабаровск | ИССЛЕДОВАНИЕ<br>ЛИКВАЦИОННЫХ ПРОЦЕССОВ В<br>АЛЮМИНИЕВОМ СПЛАВЕ,<br>ЛЕГИРОВАННОГО ВОЛЬФРАМОМ,<br>СИНТЕЗИРОВАННОГО В ИОННОМ<br>РАСПЛАВЕ | STUDY OF LIQUATION<br>PROCESSES IN AN ALUMINUM<br>ALLOY DOPED WITH TUNGSTEN,<br>SYNTHESIZED IN AN IONIC<br>MELT |
| Time<br>Время  | Докладчик                  | Speaker         | Affiliation, City<br>Организация, город                          | Тема доклада на русском                                                                                                               | Title in English                                                                                                |

|                |                          |                 |                                                      |                                                                                                                            |                                                                                                                    |
|----------------|--------------------------|-----------------|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 13:15<br>13:30 | Ким Надежда<br>Олеговна  | Kim<br>Nadezhda | ФГБОУ ВО НГМУ<br>Минздрава России,<br>г. Новосибирск | СРАВНИТЕЛЬНАЯ<br>МЕТРОЛОГИЧЕСКАЯ<br>ХАРАКТЕРИСТИКА МЕТОДОВ ААС<br>И ИВА ПРИ ОПРЕДЕЛЕНИИ РТУТИ<br>В ЛЕКАРСТВЕННЫХ СРЕДСТВАХ | COMPARATIVE METROLOGICAL<br>CHARACTERISTICS OF THE AAS<br>AND SVA METHODS FOR<br>MERCURY DETERMINATION IN<br>DRUGS |
| 13:30<br>13:45 | Ким Наталья<br>Ем-Еровна | Kim<br>Natal`ya | ФГБОУ ВО НГМУ<br>Минздрава России,<br>г. Новосибирск | КОЛИЧЕСТВЕННОЕ ОПРЕДЕЛЕНИЕ<br>β-КАРОТИНА И ЛИКОПИНА В<br>ПЛОДАХ ШИПОВНИКА                                                  | QUANTITATIVE<br>DETERMINATION OF β-<br>CAROTENE AND LYCOPENE IN<br>ROSA ACICULARIS (L.) FRUITS                     |

## S&T Session E. Physics and Earth sciences

### Секция Е. Физика и науки о земле

August 28 (11:45 - 12:30) Head Kang Vasiliy, PhD

27 августа (11:45 - 12:30) Председатель Кан Василий Евгеньевич, к.ф.-м.н.

Зал Grand Ballroom

| Time<br>Время  | Докладчик                  | Speaker         | Affiliation, City<br>Организация, город                                                  | Тема доклада на русском                                                                             | Title in English                                                                                     |
|----------------|----------------------------|-----------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 11:45<br>12:00 | Хе Владимир<br>Канчерович  | Khe<br>Vladimir | Институт<br>материаловедения<br>Хабаровского<br>научного центра ДВО<br>РАН, г. Хабаровск | МОДЕЛИРОВАНИЕ ПРОЦЕССОВ<br>ОСАЖДЕНИЯ ЧАСТИЦ В<br>ЖИДКОСТИ ПОД ДЕЙСТВИЕМ<br>НЕОДНОРОДНЫХ СИЛ         | MODELING OF PARTICLE<br>SETTLING PROCESSES IN A<br>FLUID UNDER THE ACTION OF<br>INHOMOGENEOUS FORCES |
| 12:00<br>12:15 | Им<br>Сергей<br>Тхекдеевич | Im Sergey       | Институт леса СО<br>РАН, СибГУ им. М.Ф.<br>Решетнева, СФУ,<br>г. Красноярск              | ДИНАМИКА ЭКОТОНА ГОРНОЙ<br>ЛЕСОТУНДРЫ КУЗНЕЦКОГО<br>АЛАТАУ ПО ДАННЫМ СЪЕМКИ<br>LANDSAT<br>Online    | FOREST-TUNDRA ECOTONE<br>DYNAMICS IN KUZNETSKIY<br>ALATAU BASED ON THE<br>LANDSAT DATA<br>Online     |
| 12:15<br>12:30 | Угай Сергей<br>Максимович  | Ugay<br>Sergey  | Дальневосточный<br>федеральный<br>университет,<br>г. Владивосток                         | МОРФОЛОГИЧЕСКИЙ И<br>ХИМИЧЕСКИЙ СОСТАВ ТВЕРДЫХ<br>ЧАСТИЦ ОТРАБОТАВШИХ ГАЗОВ<br>ТРАНСПОРТНЫХ СРЕДСТВ | MORPHOLOGICAL AND<br>CHEMICAL COMPOSITION OF<br>SOLID PARTICLES OF EXHAUST<br>GASES OF VEHICLES      |

## S&T Session F. History and interdisciplinary sciences

### Секция F. Общественные науки и история

August 27 (14:30 - 16:30) Head Pak Nikolay, Dr. Sc., Co-Head Tsoy Inna

27 августа (14:30 - 16:30) Председатель Пак Николай Инсебович, д.п.н., Сопредседатель Цой Инна Валериановна, к.фил.н.

Зал Laurus

| Time<br>Время  | Докладчик                  | Speaker           | Affiliation, City<br>Организация, город                                                    | Тема доклада на русском                                                                                       | Title in English                                                                                                               |
|----------------|----------------------------|-------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 14:30<br>14:42 | Пак Николай<br>Инсебович   | Pak<br>Nikolay    | КГПУ им. В.П. Астафьева,<br>г. Красноярск                                                  | МЕТОД АЛГОРИТМИЧЕСКИХ<br>ПРИМИТИВОВ КАК СПОСОБ<br>РАЗВИТИЯ СТРУКТУРНОГО<br>МЫШЛЕНИЯ                           | ALGORITHMIC PRIMITIVES<br>METHOD AS A METHOD FOR<br>DEVELOPING STRUCTURAL<br>THINKING                                          |
| 14:42<br>14:54 | Тхай Виталий<br>Валерьевич | Thay<br>Vitaliy   | ЕГОО «Национально-<br>культурная автономия<br>российских корейцев»,<br>г. Екатеринбург     | ПАМЯТЬ. ПОСЛЕДНИЙ<br>ПОКЛОН ДО ЗЕМЛИ                                                                          | MEMORY. LAST BOW TO EARTH                                                                                                      |
| 14:54<br>15:06 | Суржик Мария<br>Михайловна | Surzhik<br>Mariya | ФГБУ ВО Приморская<br>государственная<br>сельскохозяйственная<br>академия,<br>г. Уссурийск | КОРЕЙЦЫ-ПЕРЕСЕЛЕНЦЫ В<br>ВОСПРИЯТИИ РУССКОГО<br>НАСЕЛЕНИЯ В ПЕРИОД С<br>КОНЦА XIX ВЕКА ПО 1910 ГОД            | MIGRANT KOREANS IN THE<br>PERCEPTION OF THE RUSSIAN<br>POPULATION IN THE PERIOD<br>FROM THE END OF THE 19TH<br>CENTURY TO 1910 |
| 15:06<br>15:18 | Дин Юлия<br>Ивановна       | Din Yuliya        | ГБУК «Сахалинский<br>областной краеведческий<br>музей», г. Южно-<br>Сахалинск              | АКТУАЛЬНЫЕ ВОПРОСЫ<br>КОРЕЙСКОЙ КУЛЬТУРНОЙ<br>ТРАДИЦИИ НА САХАЛИНЕ:<br>ИСТОРИОГРАФИЯ И<br>ИСТОЧНИКИ<br>Online | ACTUAL PROBLEMS OF THE<br>KOREAN CULTURAL TRADITION<br>IN SAKHALIN:<br>HISTORIOGRAPHY AND<br>SOURCES<br>Online                 |

| <b>Time<br/>Время</b> | <b>Докладчик</b>                   | <b>Speaker</b>          | <b>Affiliation, City<br/>Организация, город</b>                                                      | <b>Тема доклада на русском</b>                                                                                                                                | <b>Title in English</b>                                                                                                                                                       |
|-----------------------|------------------------------------|-------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15:18<br>15:30        | Хегай Людмила<br>Борисовна         | Khegay<br>Lyudmila      | КГПУ им. В.П. Астафьева,<br>г. Красноярск                                                            | ЛИЧНОСТНО-ЦЕНТРИРОВАННЫЕ<br>ОБРАЗОВАТЕЛЬНЫЕ РЕСУРСЫ НА<br>ОСНОВЕ ВОПРОСНО-ЗАДАЧНОГО<br>ДЕРЕВА ЗНАНИЙ                                                          | PERSONALLY-CENTERED<br>EDUCATIONAL RESOURCES BASED<br>ON THE QUESTION-TASK<br>KNOWLEDGE TREE                                                                                  |
| 15:30<br>15:42        | Чарыкова (Ким)<br>Ольга Генсановна | Charykova<br>(Kim) Olga | НИИЭОАПК ЦЧР – филиал<br>ФГБНУ «Воронежский<br>ФАНЦ им. В.В. Докучаева»,<br>г. Воронеж               | МОДИФИКАЦИЯ МИРОВОГО<br>АГРОПРОДОВОЛЬСТВЕННОГО<br>РЫНКА В УСЛОВИЯХ ПАНДЕМИИ<br><br>Online                                                                     | MODIFICATION OF THE GLOBAL<br>AGRI-FOOD MARKET IN THE<br>CONTEXT OF A PANDEMIC<br><br>Online                                                                                  |
| 15:42<br>15:54        | Павлов Дмитрий<br>Александрович    | Pavlov<br>Dmitriy       | ДВИУ – филиал РАНХиГС,<br>г. Хабаровск                                                               | К ВОПРОСУ ОБ ИСТОРИИ<br>НАУЧНО-ТЕХНИЧЕСКИХ СВЯЗЕЙ<br>РОССИИ И РЕСПУБЛИКИ КОРЕЯ                                                                                | ON THE QUESTION OF<br>DEVELOPMENT OF SCIENTIFIC AND<br>TECHNICAL LINKS BETWEEN<br>RUSSIAN FEDERATION AND<br>REPUBLIC OF KOREA                                                 |
| 15:54<br>16:06        | Цой Инна<br>Валериановна           | Tsoy Inna               | Санкт-Петербургский<br>государственный<br>университет, г. Санкт-<br>Петербург                        | НОВОЕ В ТЕМАХ И ГЕРОЯХ В<br>СОВРЕМЕННОЙ<br>ЮЖНОКОРЕЙСКОЙ ЛИТЕРАТУРЕ<br>(КОНЕЦ XX – НАЧАЛО XXI ВЕКА)                                                           | NEW IN THEMES AND HEROES IN<br>CONTEMPORARY KOREAN<br>LITERATURE (LATE XX - EARLY<br>XXI CENTURY)                                                                             |
| 16:06<br>16:18        | Ким Игорь<br>Константинович        | Kim Igor`               | Волгоградский<br>государственный социально-<br>педагогический университет,<br>г. Волгоград           | У ИСТОКОВ МОДЕРНИЗАЦИИ:<br>СОЦИАЛЬНО-ЭКОНОМИЧЕСКОЕ<br>ПОЛОЖЕНИЕ НАСЕЛЕНИЯ<br>ЮЖНОЙ КОРЕИ ПОСЛЕ<br>КОРЕЙСКОЙ ВОЙНЫ (по польским<br>дипломатическим документам) | AT THE SOURCES OF<br>MODERNIZATION: SOCIO-<br>ECONOMIC SITUATION OF THE<br>POPULATION OF SOUTH KOREA<br>AFTER THE KOREAN WAR<br>(according to Polish diplomatic<br>documents) |
| 16:18<br>16:30        | Пак Евгения<br>Николаевна          | Pak<br>Yevgeniya        | ООО «Региональный центр<br>финансового оздоровления»,<br>г. Красноярск                               | ИНТЕЛЛЕКТУАЛЬНЫЙ<br>РЕПЕТИТОР-ТРАНСФОРМЕР ПО<br>МАТЕМАТИКЕ                                                                                                    | INTELLIGENT MATH<br>TRANSFORMER TUTOR                                                                                                                                         |
| 16:30<br>16:35        | Ким Моисей<br>Ирбемович            | Kim<br>Moisey           | Общероссийская<br>общественная организация<br>«Общероссийское<br>объединение корейцев»,<br>г. Москва | Взаимодействие ООК с<br>федеральными НКА и<br>общероссийскими НОО<br>(краткое сообщение)                                                                      |                                                                                                                                                                               |

