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Arctic Dialogue in the Global World, Ulan-Ude, June 16-17, 2015

University of the Arctic  
Federal State Budget Educational Institution of Higher Professional  
Education “Buryat State University”  
Russian Geographical Society  
Government of the Republic of Buryatiya  
Government of Zabaikalsky krai

Joint Science and Education Conference

# **ARCTIC DIALOGUE IN THE GLOBAL WORLD**

## **Conference Programme**

*June 16-17, 2015*

Ulan-Ude, 2015

## GENERAL CHAIRMAN’S MESSAGE

It is with great humbleness I observe the energy, quality and engagement of academics from the circumpolar North who meet here for this science and education conference: Arctic Dialogue in a Global World. The future of the North is fundamentally dependent on people of this fantastic region of the world and their ability to collaborate across borders, cultures, and traditions. While the individual researchers and scientists joining this conference, and similar conferences around the Arctic, are essential for such collaboration.

It is in the very best tradition of science and research that scientists meet here to let their views and knowledge relevant to the development of the North be exposed to their peers in open discussion and dialogue. It is only through such processes that we can ensure that the North will become a better place to live for its inhabitants.

The dialogue addresses the Arctic from multiple perspectives; including protection of the nature, understanding ecosystems and biodiversity of the North, and key issues for its people, including health, culture, traditions, and economic, technological, and sustainable development with perspective of long-term gain for people in nature. Bringing these research topics together, adding capacity on high quality education in and for the North, make the conference really fitting the mission of the University Arctic;

“Empower the people of the Circumpolar North by providing unique educational and research opportunities through collaboration within a powerful network of members.”

On behalf of the University of the Arctic, I wish you all fruitful dialogue!

Lars Kullerud  
President,  
University of the Arctic



**THE UNIVERSITY OF THE ARCTIC (UARCTIC)** is a cooperative network of universities, colleges, research institutes and other organizations concerned with education and research in and about the North.

UARctic builds and strengthens collective resources and collaborative infrastructure that enables member institutions to better serve their constituents and their regions.

UARctic members cooperate with each other on multiple levels, focusing on faculty, institutional leadership and international collaboration

UARctic represents its members' interests internationally by promoting their diverse and shared capacity to serve northern communities and interests

With over 170 member institutions and organizations spanning 24 time zones in the eight Arctic countries and beyond, UARctic is the North's only truly circumpolar higher education institution and one of the world's largest education and research networks.

### **THEMATIC NETWORKS**

UARctic's Thematic Networks foster issues-based cooperation within networks that are focused but flexible enough to respond quickly to topical Arctic issues. They form a natural framework for development of UARctic education and research providing an optimal structure for increasing the knowledge generation and sharing across the North.

Thematic Networks are associated with the following fields:

- ❖ Business, Politics & Law
- ❖ Culture & Social Sciences
- ❖ Engineering & Technology
- ❖ Health & Education
- ❖ Humanities & Arts
- ❖ Natural Sciences

### **UARCTIC RESEARCH AREA**

UArctic Research Area facilitates research collaboration between the UArctic member universities and organizations by improving their opportunities for research funding and promoting cooperation with international science organizations.

### **STUDIES IN THE NORTH - EXPERIENCES LIKE NO OTHER**

UArctic's education network provides unique study opportunities in the North about the northern region and northern issues. Come find the right institution or study program for you. Study the North, Study in the North!

#### **Contacts:**

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### **General Chairman**

*Lars Kullerud*, UArctic President, Norway

### **International Scientific Committee**

*Nikolai Moshkin*, Acting Rector of Buryat State University, Russia

*Andrei Nomoev*, Vice-Rector of Buryat State University, Russia

*Ljubov Radnaeva*, Head of the Department of Foreign Languages of Buryat State University, Russia

*Kirsi Latola*, Director of UArctic Thematic Networks Office, Finland

*Vladimir Khitrikheev*, Director of Medical Institute, Buryat State

University, Russia

*Kari Laine*, UArctic Vice-President Research, Finland

*Bair Gomboev*, Head of Department of Economics and Social Geography, Buryat State University, Russia

*Marina Kalinina*, UArctic Vice-President Interregional Cooperation, Northern (Arctic) Federal University, Russia

*Oktyabrina Khaykhadaeva*, Buryat State University, Russia

*Keith Chaulk*, UArctic Vice-President Indigenous, Canada

*Polina Dashinimaeva*, Director of Institute of Philology and Mass Communications, Buryat State University, Russia

*Elizaveta Afanasyeva*, Head of Department of Languages of Siberian Indigenous Peoples, Buryat State University, Russia

*John Eichelberger*, UArctic Vice-President Academic, USA

*Vasily Lutsyk*, Professor of Department of General and Analytical Chemistry, Buryat State University, Russia

*Svetlana Yun-Khai*, Vice-Director of Pedagogical Institute, Buryat State University, Russia

*Fedor Khandarov*, Head of Department of Information Technologies, Buryat State University, Russia

### **Organizing Committee**

Andrei Nomoev (Vice-Rector)

Ljubov Radnaeva

Aleksandr Yantranov

Diana Baldanova

Irina Dorzhieva

Bayarma Soktoeva

Marina Ayusheeva

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and Exploration of Arctic Territories.....

*Conference Participants*

- ✦ University of the Arctic, Rovaniemi, Finland
- ✦ Russian Geographical Society
- ✦ Government of the Republic of Buryatia
- ✦ Buryat State University, Ulan-Ude, Russia
- ✦ Academy of Sciences of the Republic of Sakha Yakutia, Yakutsk, Russia
- ✦ Antioch University, Keene, USA
- ✦ Arctic and Antarctic Research Institute (AARI), St. Petersburg, Russia
- ✦ Arctic College for Peoples of the North
- ✦ Arctic State Institute of Art and Culture, Yakutsk, Russia
- ✦ Baikal Institute of Nature Management of Siberian Branch of Russian Academy of Sciences, Ulan-Ude, Russia
- ✦ Baikal State University of Economics and Law, Irkutsk, Russia
- ✦ Buryat Republican Institute of Educational Policy, Ulan-Ude, Russia
- ✦ Buryat State Agricultural Academy named after V.R. Filippov, Ulan-Ude, Russia
- ✦ Center of Social Problems of Work, Academy of Sciences of the Republic of Sakha Yakutia, Yakutsk, Russia
- ✦ Chita Institute (Branch) of Baikal State University of Economics and Law, Chita, Russia
- ✦ Council of the Federation Committee on Science, Education and Culture, Moscow, Russia
- ✦ Department of Agriculture, Trade and Food Administration of the Yamal-Nenets Autonomous district, Salekhard, Russia
- ✦ Department of Regional Economic Studies of Siberian Branch of Russian Academy of Sciences, Ulan-Ude, Russia
- ✦ Directorate of Biological Resources and Protected Areas of the Ministry of Nature Protection of the Sakha Republic (Yakutia), Yakutsk, Russia
- ✦ East Siberia State University of Technology and Management, Ulan-Ude, Russia
- ✦ East Siberian State Academy of Culture and Arts, Ulan-Ude, Russia
- ✦ Far Eastern Federal University, Vladivostok, Russia
- ✦ Federal State Institution "Zapovednoe Podlemorye", Joint Directorate Barguzin State Nature Biosphere Reserve and the Trans-Baikal National Park, Ust-Barguzin, Russia

- ⊕ Geological Institute of Siberian Branch of Russian Academy of Sciences, Ulan-Ude, Russia
- ⊕ Harstad University College, Harstad, Norway
- ⊕ Herzen State Pedagogical University of Russia, Saint-Petersburg, Russia
- ⊕ I.M. Sechenov First Moscow State Medical University, Moscow, Russia
- ⊕ Institute for Mongolian, Buddhist and Tibetan Studies of Siberian Branch of Russian Academy of Sciences, Ulan-Ude, Russia
- ⊕ Institute of Bioorganic Chemistry, Moscow, Russia
- ⊕ Institute of General and Experimental Biology of Siberian Branch of Russian Academy of Sciences, Ulan-Ude, Russia
- ⊕ Institute of Linguistics of Russian Academy of Sciences, Moscow, Russia
- ⊕ Institute of Natural Resources, Ecology and Cryology of Siberian Branch of Russian Academy of Sciences, Chita, Russia
- ⊕ Institute of Physical Material Science of Siberian Branch of Russian Academy of Sciences, Ulan-Ude, Russia
- ⊕ Institute of State and Law of Russian Academy of Sciences, Moscow, Russia
- ⊕ Institute of the Humanities and the Indigenous Peoples of the North of the Siberian Branch of the Russian Academy of Sciences, Yakutsk, Russia
- ⊕ Irkutsk Law Institute (Branch) of Russian Law Academy, Irkutsk, Russia
- ⊕ Irkutsk State Medical Academy of Postgraduate Education, Irkutsk, Russia
- ⊕ Irkutsk State University, Irkutsk, Russia
- ⊕ Kalmyk State University, Elista, Russia
- ⊕ Local Administration MF «Bauntovskiy Evenkiyskiy region» of the Republic of Buryatia, Bagdarin, Russia
- ⊕ Lomonosov Moscow State University
- ⊕ Ministry of Education and Science of the Republic of Buryatia, Ulan-Ude, Russia
- ⊕ Mongolian State University of Agriculture, Ulaanbaatar, Mongolia
- ⊕ Moscow State University of Economics, Statistics and Informatics, Moscow, Russia
- ⊕ Murmansk Regional Administration of Hydrometeorology and Environmental Monitoring (Murmansk AHM), Murmansk, Russia
- ⊕ National Research Tomsk Polytechnic University, Tomsk, Russia
- ⊕ North Eastern Federal University, Yakutsk, Russia
- ⊕ Northern (Arctic) Federal University, Arkhangelsk, Russia
- ⊕ Northern Trans-Ural State Agrarian University, Tyumen, Russia



- ⊕ North-Ural Department of the Federal Service for Ecological, Environmental, Technological and Nuclear Supervision, Tyumen, Russia
- ⊕ Northwestern University, Evanston, USA
- ⊕ Republican Clinical Hospital named after N.A. Semashko, Ulan-Ude, Russia
- ⊕ Republican Medical Informational Analytical Center, Ulan-Ude, Russia
- ⊕ Republican Prenatal Center, Ulan-Ude, Russia
- ⊕ Research Institute of Animal Husbandry, Grassland and Animal Nutrition Department, Ulaanbaatar, Mongolia
- ⊕ Research Institute of Nutrition, Moscow, Russia
- ⊕ Shamanism Fund “Orjel”, Ust-Orda, Russia
- ⊕ Taimyr College, Dudinka, Russia
- ⊕ Trans-Baikal Region’s Union of Writers, Chita, Russia
- ⊕ Tver State Technical University, Tver, Russia
- ⊕ Tyumen Regional Duma, Tyumen, Russia
- ⊕ Tyumen State Oil and Gas University, Tyumen, Russia
- ⊕ Tyumen State University, Tyumen, Russia
- ⊕ Udmurt State University, Izhevsk, Russia
- ⊕ Umeå University, Umeå, Sweden
- ⊕ University of Akureyri, Akureyri, Iceland
- ⊕ University of Alaska Fairbanks, Fairbanks, USA
- ⊕ University of Lapland, Rovaniemi, Finland
- ⊕ University of Oregon, Eugene, USA
- ⊕ University of Saskatchewan, College of Nursing, Saskatoon, Canada
- ⊕ V.B. Sochava Institute of Geography of Siberian Branch of Russian Academy of Sciences, Irkutsk, Russia
- ⊕ V.I. Il’ichev Pacific Oceanological Institute of Far East Branch of Russian Academy of Sciences, Vladivostok, Russia
- ⊕ Yakut State Agricultural Academy, Yakutsk, Russia

## General Conference Schedule

**Tuesday, June 16, 2015**

*Campus Main Building, 6, Ranzhurov st.*

8.00– 9.00	<b>Registration</b>	Gala Hall Entrance, 6 <sup>th</sup> floor
9.00– 10.30	<b>Arctic Dialogue: Joint Science and Education Conference – <i>Opening Session</i></b>	Gala Hall, 6 <sup>th</sup> floor
10.30– 11.00	<b>Coffee break</b>	Gala hall Entrance, 6 <sup>th</sup> floor
11.00– 12.00	<b>Arctic Dialogue: Joint Science and Education Conference – <i>Round tables</i></b>	
	Role of the UArctic in the Preservation and Development of Taiga Reindeer Herding	to be held on June, 18 9.30, Room 8129
	NEFU session “Interaction: UArctic & Asia – bridges of education and science”	4 <sup>th</sup> floor, Room 8410
	Educational Technologies in Transformation Process of Legal Systems	3 <sup>d</sup> floor, Room 8330
	Collaboration in the Studies of Indigenous Peoples of East Siberia, Hokkaido and Alaska: Prospect and Implications	2 <sup>th</sup> floor, Room 8205
	Meeting with the Jong-Deog (Justin) Kim, Director General / Head of Polar Policy Research Center, Korea Maritime Institute	3d floor, Room 8307
	International cooperation prospect. Meeting with the Institute of Philology and Mass Communication, BSU	1 <sup>st</sup> floor, Room 8129
	BSU Scientific Library Tour	Meeting in the hall on the first floor of the main building
12.00– 13.00	<b>Lunch time</b>	
13.00– 19.00	<b>Excursion to Atsagat</b>	<i>Theatre square</i>
19.00	<b>Free time</b>	

**Wednesday, June 17, 2015**

*Campus Main Building, 6, Ranzhurov st.*

9.00– 10.30	<b>Arctic Dialogue: Joint Science and Education Conference - Oral Sessions</b> Session 1. Topical Medical Issues in Arctic Region Development	5 <sup>th</sup> floor, Room 8501
	Session 2. Sustainable Development and Conservation of Biodiversity in the Northern Territories	4 <sup>th</sup> floor, Room 8413
	Session 3. Economic Development of the Northern Territories: Partnership of Business, Universities and the State	2 <sup>th</sup> floor, Room 8205
	Session 4. Traditional Lifestyle, Culture and Language Exchange of Indigenous Peoples of the North	
	❖ Philology	1 <sup>st</sup> floor, Room 8410
	❖ Traditional lifestyle	5 <sup>th</sup> floor, Room 8503
	Session 5. Environmental Risk Management and Technologies of Northern Regions Development	4 <sup>th</sup> floor, Room 8407
	Session 6. Education for Sustainable Development in the Arctic	4 <sup>th</sup> floor, Room 8417
	Session 7. Informational Technologies in the Development and Exploration of Arctic Territories	3 <sup>d</sup> floor, Room 8307
10.30- 11.00	<b>Coffee break</b>	6 <sup>th</sup> floor
10.30- 12.00	<b>Arctic Dialogue: Joint Science and Education Conference – Oral Sessions</b>	1-5 <sup>th</sup> floor, same rooms

12.00- 13.00	<b>Lunch time</b>	Cafeteria “Tea way”, Ground Floor
13.00- 15.00	<b>Arctic Dialogue: Joint Science and Education Conference – <i>Oral Sessions</i></b>	1-5 <sup>th</sup> floor, same rooms
15.00- 15.15	<b>Coffee break</b>	6 <sup>th</sup> floor
15.15- 16.00	<b>Arctic Dialogue: Joint Science and Education Conference – <i>Oral Sessions</i></b>	1-5 <sup>th</sup> floor, same rooms
16.00- 18.00	<b>Conference Banquet</b>	Dining Room, Former Admin Building
18.00- 19.00	<b>Free time</b>	
19.00	<b>Trip to Baikal</b>	Pick up at the hotels

Oral Session  
**Topical Medical Issues in Arctic Region Development**

**Chairpersons**

*Kirsi Latola*, Director of UArctic Thematic Networks Office  
*Vladimir Khitrikheev*, Director of Medical Institute,  
Buryat State University

*June 17, 2015, Wednesday, 9.00-16.00*  
*Main building, Room 8501*

- 9.00–9.10    **PROSPECTS OF THE TRADITIONAL MEDICINE EXPERIENCE USE FOR THE DEVELOPMENT OF THE ARCTIC REGION**  
*Vladimir Khitrikheev<sup>1</sup>, Sergei Nikolaev<sup>1,2</sup>, Sergei Chukaev<sup>1</sup>, Kim Malanov<sup>1</sup>*  
<sup>1</sup>Medical Institute, Buryat State University (Ulan-Ude, Russia)  
<sup>2</sup>Institute of General and Experimental Biology SB RAS (Ulan-Ude, Russia)
- 9.10–9.20    **EXTRAESOPHAGEAL SYMPTOMS OF GASTROESOPHAGEAL REFLUX DISEASE**  
*Tatiana Spasova*  
Medical Institute, Buryat State University (Ulan-Ude, Russia)
- 9.20–9.30    **CARDIOEMBOLIC STROKE PREVENTION IN PATIENTS WITH ATRIAL FIBRILLATION**  
*Larisa Sodnomova*  
Medical Institute, Buryat State University (Ulan-Ude, Russia)
- 9.30–9.40    **PATHOGENIC AETIOLOGY OF A VERY EARLY PREMATURE DELIVERY**  
*Lyudmila Namzhilova, Irina Fatkulina, Svetlana Korotova, Aurika Leigh-Van-Hi*  
Republican Perinatal Center (Ulan-Ude, Russia)
- 9.40–9.50    **THE INCIDENCE OF PRINCIPAL SYMPTOMS OF METABOLIC SYNDROME IN POPULATION OF THE REPUBLIC OF BURYATIA**  
*Erzhena Naidanova*  
Medical Institute, Buryat State University (Ulan-Ude, Russia)

- 9.50–  
10.00      **CLINICALLY AND IMMUNOLOGICAL AND GENETIC  
FEATURES OF THROMBOSIS IN CHILDREN**  
*Larisa Zhdanova<sup>1</sup>, Marina Sherbakova<sup>2</sup>, Lev Patrushev<sup>3</sup>*  
<sup>1</sup>Medical Institute, Buryat State University (Ulan-Ude, Russia)  
<sup>2</sup>Research Institute of Nutrition (Moscow, Russia)  
<sup>3</sup>Institute of Bioorganic Chemistry (Moscow, Russia)
- 10.00–  
10.10      **ETHNIC DIFFERENCES IN PATIENTS UNDERGOING  
AMPUTATIONS OF LOWER EXTREMITIES**  
*Bator Donirov<sup>1,2</sup>, Oyuna Donirova<sup>1,2</sup>*  
<sup>1</sup>The Republican Clinical Hospital named after N. A. Semashko  
(Ulan-Ude, Russia)  
<sup>2</sup>Medical Institute, Buryat State University (Ulan-Ude, Russia)
- 10.10–  
10.20      **PREVALENCE RATE OF SYMPTOMS OF MUSCULOSKELETAL  
SYSTEM AND OSTEOARTHRITIS IN THE POPULATION  
OF THE REPUBLIC OF BURYATIA**  
*Aleksandra Danchinova, Tatiana Batudaeva*  
Chair of Gerontology and Geriatrics, Irkutsk State Medical Academy of  
Postgraduate Education (Irkutsk, Russia)
- 10.20–  
10.30      **CLINICO-EPIDEMIOLOGICAL AND  
PHARMACOTHERAPEUTIC ASPECTS  
OF BRONCHIAL ASTHMA IN THE REPUBLIC OF BURYATIA**  
*Elena Grigoryeva<sup>1</sup>, Aleksandra Shobolova<sup>2</sup>*  
<sup>1</sup>Chair of Gerontology and Geriatrics, Irkutsk State Medical Academy of  
Postgraduate Education (Irkutsk, Russia)  
<sup>2</sup>Chair of Therapy, Buryat State University (Ulan-Ude, Russia)
- 10.30–  
11.00      *Coffee break*
- 11.00–  
11.10      **THE INCIDENCE OF OSTEOPOROSIS COMPLICATIONS IN  
RESIDENTS OF ULAN-UDE**  
*Tatiana Batudaeva<sup>1</sup>, Tatiana Spasova<sup>2</sup>*  
<sup>1</sup>Department of Gerontology and Geriatrics, Irkutsk State Medical  
Academy of Postgraduate Education (Irkutsk, Russia)  
<sup>2</sup>Department of Therapy, Buryat State University (Ulan-Ude, Russia)
- 11.10–  
11.20      **THE INFLUENCE OF URBANIZATION ON THE PHYSICAL  
DEVELOPMENT OF BURYAT CHILDREN**  
*Elena Tsybikova<sup>1</sup>, Larisa Shantanova<sup>1,2</sup>, Eshi Tsybikov<sup>1</sup>*  
<sup>1</sup>Medical Institute, Buryat State University (Ulan-Ude, Russia)  
<sup>2</sup>Institute of General and Experimental Biology SB RAS  
(Ulan-Ude, Russia)

- 11.20– **VALUES of ADOLESCENTS AND SUICIDAL BEHAVIOR**  
11.30 *Sergei Tsyrempilov*  
Medical Institute, Buryat State University (Ulan-Ude, Russia)
- 11.30– **ETIOLOGY AND CLINICAL FEATURES OF VIRAL DIARRHEAS**  
11.40 **IN INPATIENTS OF REPUBLICAN HOSPITAL OF INFECTIOUS DISEASES:  
A RETROSPECTIVE STUDY**  
*Iraida Ubeeva<sup>1,2</sup>, Irina Lubimova<sup>1</sup>, Elena Ubeeva<sup>3</sup>, Larisa Shabanova<sup>1</sup>*  
<sup>1</sup>Medical Institute, Buryat State University (Ulan-Ude, Russia)  
<sup>2</sup>Irkutsk State Medical Academy of Postgraduate Education (Irkutsk, Russia)  
<sup>3</sup>I. M. Sechenov First Moscow State Medical University (Moscow, Russia)
- 11.40– **ETHNIC FEATURES OF ECLAMPSIA IN WOMEN IN THE**  
11.50 **REPUBLIC OF BURYATIA**  
*Irina Fatkullina*  
Medical Institute, Buryat State University (Ulan-Ude, Russia)
- 11.50– **ADAPTOGENES IN THE TRADITIONAL DIETARY PATTERN**  
12.00 **OF SIBERIAN AND NORTHERN NOMADS**  
*Larisa Shantanova<sup>1,2</sup>, Elvira Alekseeva<sup>1</sup>, Elena Tsybikova<sup>1</sup>*  
<sup>1</sup>Medical Institute, Buryat State University (Ulan-Ude, Russia)  
<sup>2</sup>Institute of General and Experimental Biology SB RAS (Ulan-Ude, Russia)
- 12.00– *Lunch time*  
13.00
- 13.00– **THE USE OF GAS CHROMATOGRAPHY-MASS**  
13.10 **SPECTROMETRY, MICROBIAL MARKERS IN THE STUDY OF THE MICROBIAL LANDSCAPE OF PATIENTS WITH DIFFERENT FORMS OF ACUTE PANCREATITIS**  
*Larisa Radnaeva<sup>1,2</sup>, Vladislav Saganov<sup>1</sup>, Vasilii Taraskin<sup>1,2</sup>, Vladimir Khitrikheev<sup>1</sup>*  
<sup>1</sup>Medical Institute, Buryat State University (Ulan-Ude, Russia)  
<sup>2</sup>Laboratory of Chemistry of Natural Systems, Baikal Institute of Nature Management SB RAS (Ulan-Ude, Russia)
- 13.10– **THE WAYS OF MEDICAL USE OF NANOPARTICLES FROM**  
13.20 **NATURAL LIPID SOURCES**  
*Galina Lamazhapova<sup>1,2</sup>, Sesegma Zhamsaranova<sup>1,2</sup>*  
<sup>1</sup>Medical Institute, Buryat State University (Ulan-Ude, Russia)  
<sup>2</sup>East Siberia State University of Technology and Management (Ulan-Ude, Russia)

- 13.20–  
13.30      **PROBLEMS AND THE PROSPECTS OF DEVELOPMENT  
OF PUBLIC HEALTH OF THE NORTHERN TERRITORIES  
OF THE REPUBLIC OF BURYATIA (ON THE EXAMPLE  
OF THE BARGUZINSKY DISTRICT)**  
*Elena Bashkueva*  
Department of Regional Economic Studies, Buryat Scientific Center of the  
Siberian Branch of the Russian Academy of Sciences (Ulan-Ude, Russia)
- 13.30–  
13.40      **MODERN TENDENCIES IN ADAPTATION**  
*Illarion Balkhaev*  
Medical Institute, Buryat State University (Ulan-Ude, Russia)
- 13.40–  
13.50      **MOLECULAR AND CELLULAR MECHANISMS  
OF STRESS-PROTECTIVE ACTIVITY OF THE PLANT  
ADAPTOGENIC REMEDY “CARDECAIM”**  
*Elvira Alekseeva<sup>1</sup>, Larisa Shantanova<sup>2</sup>*  
<sup>1</sup>Medical Institute, Buryat State University (Ulan-Ude, Russia)  
<sup>2</sup>Institute of General and Experimental Biology SB RAS (Ulan-Ude,  
Russia)
- 13.50–  
14.00      **“THYREOTON” PHARMACOTHERAPEUTIC EFFICIENCY FOR  
EXPERIMENTAL HYPOTHYROIDISM**  
*Erzhena Arkhipova<sup>1</sup>, Sergei Nikolaev<sup>2</sup>*  
<sup>1</sup>Medical Institute, Buryat State University (Ulan-Ude, Russia)  
<sup>2</sup>Institute of General and Experimental Biology SB RAS (Ulan-Ude,  
Russia)
- 14.00–  
14.10      **INACTIVATION OF MICROORGANISMS IN COLD ARGON  
PLASMA**  
*Lygzhima Abidueva<sup>1</sup>, Bair Baldanov<sup>2</sup>, Tsyrempil Ranzhurov<sup>2</sup>, Sayana  
Gomboeva<sup>3</sup>*  
<sup>1</sup>Medical Institute, Buryat State University (Ulan-Ude, Russia)  
<sup>2</sup>Institute of Physical Materials Science of the Siberian Branch of the  
Russian Academy of Sciences (Ulan-Ude, Russia)  
<sup>3</sup>East Siberia State University of Technology and Management (Ulan-Ude,  
Russia)
- 15.00–  
15.15      *Coffee break*
- 15.15–  
16.00      **Arctic Dialogue: Joint Science and Education Conference – *Session  
Discussion***



Oral Session  
**Sustainable Development and Conservation  
of Biodiversity in the Northern Territories**

**Chairpersons**

*Kari Laine*, UArctic Vice-President Research  
*Bair Gomboev*, Head of Department of Economics and Social Geography, BSU

*June 17, 2015, Wednesday, 9.00-16.00*  
*Main building, Room 8413*

- 9.00-  
9.20     **ADAPTATION TO CLIMATE CHANGE IN  
TRANSBOUNDARY BASIN OF BAIKAL LAKE**  
*Aleksandr Andreev, Svetlana Puntsukova*  
Baikal Institute for Nature Management, Siberian Branch of the  
Russian Academy of Sciences (Ulan-Ude, Russia)
- 9.20-  
9.40     **THE LEYMUS STEPPES (*LEYMUS CHINENSIS* (TRIN.)  
TZVELEV) OF SOUTHERN VITIM PLATEAU**  
*Sesegma Balzhinova, Tatiana Baskaeva*  
Department of Botany, Faculty of Biology and Geography, Buryat  
State University (Ulan-Ude, Russia)
- 9.40-  
10.00   **SUMMARY ASSESSMENT OF THE INSTRUMENTS FOR  
WATER RESOURCES CONSERVATION AND  
SUSTAINABLE USE IN THE BAIKAL NATURAL AREA**  
*Taisiya Bardakhanova, Svetlana Ayusheeva, Zinaida Goryunova*  
Laboratory of Nature Management Economics, Baikal Institute of  
Nature Management, Siberian Branch of the Russian Academy of  
Sciences (Ulan-Ude, Russia)
- 10.00-  
10.20   **TOURIST AND RECREATIONAL DEVELOPMENT OF THE  
NORTHERN TERRITORIES IN THE REPUBLIC OF  
BURYATIA**  
*Elena Bolkhosoeva*  
Department of Economic and Social Geography, Faculty of Biology  
and Geography, Buryat State University (Ulan-Ude, Russia)

- 10.20- **Arctic Dialogue: Joint Science and Education Conference –**  
10.30 ***Session Discussion***
- 10.30- *Coffee break*  
11.00
- 11.00- **RESEARCH OF NUMBER OF SOIL MICROORGANISMS IN**  
11.20 **VARIOUS TYPES OF ECOSYSTEMS OF NATIONAL PARK**  
**ALKHANAY**  
**(EAST TRANSBAIKALIA)**  
*Lyubov Buyantueva, Elena Nikitina, Elena Valova*  
Department of Zoology and Environmental Biology, Faculty of  
Biology and Geography, Buryat State University (Ulan-Ude,  
Russia)
- 11.20- **BALANCED NATURE USE IN THE CONDITIONS OF THE**  
11.40 **NATURAL AND SOCIAL PROCESSES CYCLING IN**  
**MOUNTAIN-HOLLOWS TERRITORIES (BAIKAL LAKE**  
**Basin): PROBLEM DEFINITION**  
*Bair Gomboev<sup>1,2</sup>, Erdeni Elaev<sup>2</sup>*  
<sup>1</sup>Baikal Institute of Nature Management, Siberian Branch of the  
Russian Academy of Sciences (Ulan-Ude, Russia)  
<sup>2</sup>Department of Biology and Geography, Buryat State University  
(Ulan-Ude, Russia)
- 11.40- ***FESTUCA LENENSIS* STEPPES IN BURYATIA**  
12.00 *Svetlana Kholboeva, Bimba-Tsyren Namzalov*  
Faculty of Biology and Geography, Buryat State University (Ulan-  
Ude, Russia)
- 12.00- *Lunch time*  
13.00
- 13.00- **TERRITORIAL ORGANIZATION OF AGRO-**  
13.20 **RECREATIONAL SYSTEM IN ULAN-UDE AND ITS**  
**SUBURBAN AREAS**  
*Marina Motoshkina*  
Faculty of Biology and Geography, Buryat State University (Ulan-  
Ude, Russia)
- 13.20- **ON THE QUESTION OF BAUNTOVSKY OROCHON**  
13.40 **TRADITIONAL NATURE MANAGEMENT THROUGH THE**  
**PRISM OF HISTORY AND MODERN ENVIRONMENTAL**  
**PROBLEMS**

*Evgeniya Pyzhikova, Marina Tsyrenova*

Faculty of Biology and Geography, Buryat State University (Ulan-Ude, Russia)

13.40- **COMMUNITY-BASED INFORMATION ON MUSKOX**  
14.00 **RESETTLEMENT IN NORTHEASTERN YAKUTIA**

*Larisa Shelokhovskaya*

Directorate of Biological Resources and Protected Areas of the Ministry of Nature Protection of the Sakha Republic (Yakutia) (Yakutsk, Russia)

14.00- **TERRITORIAL ASPECTS OF SUSTAINABLE**  
14.20 **DEVELOPMENT OF BORDER TERRITORIES ON THE**  
**EXAMPLE OF BAIKAL REGION**

*Chimita Urbanova, Tsyben Gonchikov*

Faculty of Biology and Geography, Buryat State University (Ulan-Ude, Russia)

14.20- **DOES LAKE BAIKAL INFLUENCE THE ARCTIC**  
14.40 **CLIMATE SYSTEM?**

*Sergei Shapkhaev<sup>1</sup>, Vladimir Ponomarev<sup>2</sup>, Svetlana Shkorba<sup>2</sup>*

<sup>1</sup>East-Siberian State University of Technology and Management (Ulan-Ude, Russia)

<sup>2</sup>V.I. Il'ichev Pacific Oceanological Institute, Far East Branch of Russian Academy of Sciences (Vladivostok, Russia)

14.40- **BIOGEOGRAPHICAL APPROACH IN TOURISM**  
15.00 **MANAGEMENT OF THE COASTAL ZONE IN**  
**ZABAIKALSKY NATIONAL PARK**

*Natalia Luzhkova, Evgenia Bukharova*

Federal State Institution "Zapovednoe Podlemorye", Joint Directorate Barguzin State Nature Biosphere Reserve and the Trans-Baikal National Park, Ust-Barguzin, Russia

15.00- *Coffee break*  
15.15

15.15- **Arctic Dialogue: Joint Science and Education Conference –**  
16.00 ***Session Discussion***

Oral Session  
**Economic Development of the Northern Territories:  
Partnership of Business, Universities and the State**

**Chairpersons**

*Lars Kullerud*, UArctic President

*Marina Kalinina*, UArctic Vice-President Interregional Cooperation

*June 17, 2015, Wednesday, 9.00-16.00*

*Main building, Room 8205*

9.00–  
9.15      **NETWORKED COOPERATION AS A TOOL TO SUPPORT  
A DIVERSIFIED ECONOMY OF NORTHERN  
COMMUNITIES**

*Lars Kullerud*

UArctic President (Arendal, Norway)

9.15–  
9.30      **DEVELOPMENT OF THE TERRITORY OF THE CENTRAL  
ARCTIC RUSSIA: PROSPECTS FOR THE  
ESTABLISHMENT OF NEW TRANSPORT AND  
LOGISTICS CORRIDORS**

*Kirill Chumlyakov*

Tyumen State Oil and Gas University (Tyumen, Russia)

9.30–  
09.45      **ABOUT THE SMALL AGRICULTURAL BUSINESSES IN  
THE REPUBLIC OF BURYATIA**

*Viktor Potaev*

<sup>1</sup>Buryat State Agricultural Academy named after V.R. Filippov  
(Ulan-Ude, Russia)

9.45–  
10.00      **PROBLEMS AND PROSPECTS OF INTEGRATED  
DEVELOPMENT OF THE NORTHERN PART OF THE  
BAIKAL REGION**

*Zorikto Dondokov, Gennadii Borisov*

Department of Regional Economic Studies, Buryat Scientific Centre  
of the Siberian Branch of Russian Academy of Sciences (Ulan-Ude,  
Russia)

10.00–  
10.15      **LEGAL PERSPECTIVES OF INTERNATIONAL  
PARTNERSHIP IN RUSSIAN ARCTIC ECONOMIC**

**DEVELOPMENT**

*Natalia Prisekina, Rustambek Nurimbetov*

School of Law, Federal State Autonomous Educational Institution of High Professional Education “Far Eastern Federal University” (Vladivostok, Russia)

10.15–  
10.30      **MISSION OF TYUMEN STATE UNIVERSITY IN THE PERIOD OF INTENSIVE ECONOMIC DEVELOPMENT OF THE ARCTIC TERRITORIES IN THE YAMAL REGION**

*Elena Gladun, Gennadii Chebotarev, Andrei Soromotin*  
Tyumen State University (Tyumen, Russia)

10.30–  
11.00      *Coffee break*

11.00–  
11.15      **RISKS IN THE SOCIAL AND LABOR SPHERE OF THE REPUBLIC OF SAKHA (YAKUTIA): SOCIOLOGICAL STUDY**

*Aiza Neustroeva*

Center of Social Problems of Work, Academy of Sciences of the Republic of Sakha (Yakutia) (Yakutsk, Republic of Sakha (Yakutia))

11.15–  
11.30      **PROBLEMS OF BALANCED SOCIO-ECONOMIC DEVELOPMENT OF THE FAR NORTH AND DISTRICTS OF BURYATIA EQUATED TO IT**

*Margarita Namkhanova<sup>1</sup>, Zhargal Dondukov<sup>2</sup>*

<sup>1</sup>Institute of Economics and Management, Buryat State University (Ulan-Ude, Russia)

<sup>2</sup>Financial Board, local administration MF «Bauntovskiy Evenkiyskiy region» of the Republic of Buryatia (Bagdarin, Russia)

11.30–  
11.45      **ANALYSIS OF SOCIO-ECONOMIC WELL-BEING FACTORS OF RUSSIAN NORTHERN REGIONS**

*Anastasia Myadzelets*

V.B. Sochava Institute of Geography SB RAS (Irkutsk, Russia)

11.45–  
12.00      **STAYING LOCAL AND COMPETITIVE: NORTHERN SMES’ CONSTRUALS OF COMMUNITY AND BUSINESS STRATEGIES**

*Helgi Gestsson<sup>1</sup>, Lenita Hietanen<sup>2</sup>, Svein Tvedt Johansen<sup>3</sup>, Ögmundur H. Knútsson<sup>4</sup>, Markku Vieru<sup>5</sup>*

<sup>1</sup>Faculty of Business Administration, University of Akureyri  
(Akureyri, Iceland)

<sup>2</sup>University of Lapland, Faculty of Education (Rovaniemi, Finland)

<sup>3</sup>Harstad University College (Harstad, Norway)

<sup>4</sup>The School of Business and Science, University of Akureyri  
(Akureyri, Iceland)

<sup>5</sup>University of Lapland, Faculty of Social Sciences,  
Multidimensional Tourism Institute (Rovaniemi, Finland)

12.00– *Lunch time*  
13.00

13.00– **REGIONAL COOPERATION IN THE NORTH FROM**  
13.15 **ARCTIC POLICY PERSPECTIVE: WHAT'S THE ROLE OF**  
**UNIVERSITIES?**

*Marina Kalinina*

Northern (Arctic) Federal University, UArctic Vice-President  
Interregional Cooperation

13.15– **ENVIRONMENTAL FEDERALISM AND CLIMATE**  
13.30 **CHANGE: THE ARCTIC CONTEXT**

*Oktyabrina Khaykhadaeva*

Institute of Economics and Management, Buryat State University  
(Ulan-Ude, Russia)

13.30– **TO THE QUESTION OF INTELLECTUALIZATION**  
13.45 **OF NORTHERN TERRITORIES' DEVELOPMENT**

*Dashi Tsyrenov*

Institute of Economics and Management, Buryat State University  
(Ulan-Ude, Russia)

13.45– **THE ROLE OF FISCAL POLICY IN THE PLANNING**  
14.00 **AND FORECASTING OF SOCIO-ECOLOGICAL**  
**AND ECONOMIC DEVELOPMENT OF NORTHERN**  
**TERRITORIES**

*Eleonora Murueva<sup>1,3</sup>, Zhargal Dondukov<sup>2</sup>*

<sup>1</sup>Institute of Economics and Management, Buryat State University  
(Ulan-Ude, Russia)

<sup>2</sup>Financial Board, local administration MF «Bauntovskiy  
Evenkiyskiy region» of the Republic of Buryatia (Bagdarin, Russia)

<sup>3</sup>Buryat Scientific Center of the Siberian Branch of the RAS (Ulan-  
Ude, Russia)

- 14.00– **KOREAN REPUBLIC EXTERNAL ECONOMY POLICY IN**  
14.15 **THE NORTH OF YAKUTIA**  
*Nikolai Nikolaev*  
North-Eastern Federal University (Yakutsk, Republic of Sakha  
(Yakutia))
- 14.15– **IMPERFECT INFORMATION ON THE REGIONAL**  
14.30 **MARKET OF HIGHER EDUCATION**  
*Viktor Baldanov, Sayana Baldanova*  
Institute of Economics and Management, Buryat State University  
(Ulan-Ude, Russia)
- 14.30– **HOUSEHOLDS OF BURYATIA WITHIN THE ASPECT**  
14.45 **OF SOCIO-ECONOMIC DEVELOPMENT OF NORTHERN**  
**TERRITORIES OF THE SIBERIAN FEDERAL DISTRICT**  
*Dolgorma Dugarzhapova*  
Department of Regional Economic Studies, Buryat Scientific Centre  
of the Siberian Branch of Russian Academy of Sciences (Ulan-Ude,  
Russia)
- 14.45– **TAX ASPECTS OF DEVELOPMENT OF SMALL BUSINESS**  
15.00 **IN NORTHERN TERRITORIES OF THE RUSSIAN**  
**FEDERATION**  
*Larisa Ayushieva*  
Institute of Economics and Management, Buryat State University  
(Ulan-Ude, Russia)
- 15.00– *Coffee break*  
15.15
- 15.15– **ON IMPROVEMENT OF THE SPATIAL ORGANIZATION**  
15.30 **OF THE ECONOMY OF SIBERIA ON THE BASIS**  
**OF DIFFERENTIATION OF THE SIBERIAN FEDERAL**  
**DISTRICT**  
*Nikolai Atanov, Dashi Tsyrenov*  
Institute of Economics and Management, Buryat State University  
(Ulan-Ude, Russia)
- 15.30– **REINDEER HERDING ON THE YAMAL AS AN ETHNOS-**  
15.45 **FORMING KIND OF ACTIVITY OF THE REGION**  
*Sergey Pakhomchik<sup>1</sup>, Nikolai Babin<sup>2</sup>, Dmitry Khabarov<sup>3</sup>*

<sup>1</sup>Department of Economics and Cooperation, Northern Trans-Ural State Agrarian University (Tyumen, Russia)

<sup>2</sup> Tyumen regional Duma (Tyumen, Russia)

<sup>3</sup> Department of Agriculture, Trade and Food Administration of the Yamal-Nenets Autonomous district (Salekhard, Russia)

15.45-16.00      **SOCIO-ECONOMIC AND ECOLOGICAL ASPECTS OF THE DEVELOPMENT OF MILITARY AND CIVILIAN INFRASTRUCTURE IN THE ARCTIC ON THE EXAMPLE OF WRANGEL ISLAND**

*Aleksandr Yantranov*

Scientific Research Center of Institute of Economics and Management, Buryat State University (Ulan-Ude, Russia)

16.00-16.15      **FEATURES OF SETTLEMENT AND INFRASTRUCTURE ORGANIZATION IN STEPPE REGIONS OF BURYATIA**

*Balzhirov Bair Gvibalovich*

Republican Non-Profit Organization

“Association of Farmers of the Republic of Buryatia”



Oral Session  
**Traditional Lifestyle, Culture and Language Exchange  
of Indigenous Peoples of the North**

SUBSESSION: CONTEMPORARY LINGUISTIC ISSUES

**Chairperson**

*Polina Dashinimaeva*, Director of Institute of Philology and Mass  
Communications, BSU

*June 17, 2015, Wednesday, 9.00-16.00*  
*Main building, Room 8410*

- 9.00-9.20    **YOIKS FROM THE FOREST SÁMI OF SWEDEN.  
STORYTELLING AND SINGING AS A TOOL FOR  
CULTURAL REVITALIZATION**  
*Krister Stoor*  
Department of Language Studies/Sámi Studies, Umeå University  
(Umeå, Sweden)
- 9.20-9.40    **ON SOME TYPES OF COGNITIVE MODELING**  
*Erzhena Semenova*  
Institute of Philology and Mass Communication, Buryat State  
University (Ulan-Ude, Russia)
- 9.40-10.00    **THE PHONOLOGICAL SYSTEM OF MODERN  
MONGOLIAN**  
*Marina Ayusheeva*  
Eastern Languages Chair, Buryat State University (Ulan-Ude,  
Russia)
- 10.00-  
10.20    **BRAND OF BURYATIA**  
*Bayarma Shagdarova*  
Institute of Philology and Mass Communication, Buryat State  
University (Ulan-Ude, Russia)
- 10.20-  
10.30    **Arctic Dialogue: Joint Science and Education Conference –  
Session Discussion**  
10.30-    *Coffee break*

11.00

11.00-

**LANGUAGE GOING EXTINCT:**

11.20

**PSYCHONEUROLINGUISTIC VIEW**

*Polina Dashinimaeva*

Institute of Philology and Mass Communication, Buryat State University (Ulan-Ude, Russia)

11.20-

**FOLK LINGUISTICS VS. LANGUAGE CONSCIOUSNESS:**

11.40

**METALINGUISTIC REFLECTION OF “ORDINARY PEOPLE” ON LANGUAGES IN SIBERIA**

*Erzhena Khilkhanova*

Department of Foreign Languages and General Linguistics, East Siberian State Academy of Culture and Arts (Ulan-Ude, Russia)

11.40-

**REGIONAL IDENTITY IN A GLOBAL AGE (ON THE EXAMPLE OF THE BAIKAL REGION AS THE TERRITORY OF EURASIAN FRONTIER)**

12.00

*Irina Boldonova<sup>1</sup>, Alexandr Boldonov<sup>2</sup>*

<sup>1</sup>Department of Russian and Foreign Literature, Buryat State University (Ulan-Ude, Russia)

<sup>2</sup>Department of Philosophy, East-Siberian State University of Technologies and Management (Ulan-Ude, Russia)

12.00-

*Lunch time*

13.00

13.00-

**REPRESENTATION OF THE CONCEPT OF**

13.20

**“DECEPTION” IN ENGLISH, RUSSIAN, BURYAT LANGUAGES (ON THE MATERIAL OF IDIOMS)**

*Darima Erdynееva*

English Philology Department, Institute of Philology and Mass Communication, Buryat State University (Ulan-Ude, Russia)

13.20-

**LANGUAGE AND ETHNOLINGUAL SELF-**

13.40

**IDENTIFICATION: BURYATS IN RUSSIA, CHINA AND MONGOLIA**

*Galina Dyrkheeva*

Institute for Mongolian, Buddhist and Tibetan Studies of SB RAS (Ulan-Ude, Russia)

13.40-

**SEMANTIC ANALYSIS OF POLYPREDICATIVE**

14.00

**CONSTRUCTIONS AS ONE OF THE FACTORS OF PRESERVING BURYAT LANGUAGE**

*Nadezhda Darzhaeva*

Department of Linguistics of the Institute for Mongolian,  
Buddhist and Tibetan Studies, SB RAS (Ulan-Ude, Russia)

14.00-  
14.20 **PUPILS' ETHNIC IDENTITY WITHIN THE CONTEXT OF  
RESTRICTED SOCIO-LINGUISTIC FUNCTIONS OF THE  
LANGUAGE**

*Seseg Bakshikhanova, Nina Bokhach, Alina Ochirova*  
Buryat State University (Ulan-Ude, Russia)

14.20-  
14.40 **PRESENTATION OF LOCAL CULTURES: LINGUISTIC  
ASPECT**

*Mikhail Fedorov*

Institute of Philology and Mass Communication, Buryat State  
University (Ulan-Ude, Russia)

14.40-  
15.00 **THE TECHNOLOGY OF EXPERIMENTAL PHONETIC  
RESEARCH (BASED ON THE PHONETICALLY  
REPRESENTATIVE TEXT OF THE BURYAT  
LANGUAGE)**

*Indra Khubrakova*

Department of Foreign Languages, Buryat state University (Ulan-  
Ude, Russia)

15.00-  
15.15 *Coffee break*

15.15-  
16.00 **Arctic Dialogue: Joint Science and Education Conference –  
Session Discussion**

Oral Session  
**Traditional Lifestyle, Culture and Language Exchange of  
Indigenous Peoples of the North**

**SUBSESSION: TRADITIONAL LIFESTYLE, CULTURE  
AND LANGUAGE EXCHANGE OF INDIGENOUS PEOPLES  
OF THE NORTH**

**Chairperson**

*Elizaveta Afanasyeva,*  
Head of Department of Languages of Siberian Indigenous Peoples, BSU

*June 17, 2015, Wednesday, 9.00-16.00  
Main building, Room 8503*

- 9.00-9.15    **RESILIENT NORTHERN VOICES: TRADITIONAL  
KNOWLEDGE IN THE ACADEMY**  
*Kathleen Osgood<sup>1</sup>, Alesia Maltz<sup>2</sup>, Jean Kayira<sup>3</sup>*  
<sup>1</sup>University of the Arctic (Rovaniemi, Finland)  
<sup>2</sup>Individualized MA and Department of Environmental Studies,  
Antioch University (Keene, USA)  
<sup>3</sup>Department of Environmental Studies, Antioch University  
(Keene, USA)
- 9.15-9.30    **THE MYTH FORMATION OF THE TRANS-BAIKAL  
REGION'S EVENKS IN ANCIENT TIME AND DURING  
THE PRESENT PERIOD (THE 20TH CENTURY AND THE  
BEGINNING OF THE 21ST CENTURY)**  
*Nina Belomestnova*  
*Literary double – Nina Koledneva*  
Trans-Baikal Region's Union of Writers (Chita, Russia)
- 9.30-9.45    **EDUCATION AS A FACTOR OF PRESERVATION OF  
LANGUAGES AND CULTURES OF NORTHERN  
INDIGENOUS PEOPLES**  
*Lyudmila Gashilova*  
Institute of Northern Peoples at Herzen State Pedagogical  
University of Russia (St.Petersburg, Russia)

- 9.45-10.00    **EXPERIMENTAL STUDIES OF INDIGENOUS LANGUAGES OF THE NORTH SIBERIA AND THE FAR EAST**  
*Ljubov Radnaeva<sup>1</sup>, Elizaveta Afanasyeva<sup>2</sup>*  
<sup>1</sup>Department of Foreign Languages, Buryat state University (Ulan-Ude, Russia)  
<sup>2</sup>Department of Indigenous Languages of Siberia, Buryat state University (Ulan-Ude, Russia)
- 10.00-10.15    **EVENKS OF THE TRANSBAIKAL REGION: PROBLEM OF ISOLATION BREAKING**  
*Vera Gil'fanova*  
Institute of Natural Resources, Ecology and Cryology of SB RAS (Chita, Russia)
- 10.15-10.30    **THE SPIRITUAL HUMAN ADAPTATION TO THE SURROUNDING WORLD IN THE PRACTICE OF BUDDHISM**  
*Lidiya Vetluzhskaya*  
Buryat State University (Ulan-Ude, Russia)
- 10.30-11.00    *Coffee break*
- 11.00-11.15    **THE ROLE OF OLD BELIEVERS IN THE MASTERING OF BAIKAL ASIA**  
*Svetlana Vasil'eva*  
Buryat State University (Ulan-Ude, Russia)
- 11.15-11.30    **LANGUAGE AND IDENTITY: POLYLINGUALISM AS SOCIOLINGUISTIC CHARACTERISTICS OF THE RUSSIAN ARCTIC**  
*Akulina Mestnikova*  
North-Eastern Federal University (Yakutsk, Russia)
- 11.30-11.45    **SOCIOLINGUISTIC COMPONENT OF INFORMATIONAL SYSTEM FOR DESCRIPTION OF ENDANGERED ALTAIC AND URALIC LANGUAGES OF RUSSIA**  
*Olga Kazakevich*  
Institute of Linguistics, RAS (Moscow, Russia)  
Research Computing Centre, Lomonosov Moscow State University

- 11.45-12.00 **NORTH-EASTERN FEDERAL UNIVERSITY  
CONTEMPORARY INTERDISCIPLINARY RESEARCH  
WITHIN THE PROJECT "PEOPLES OF THE RUSSIAN  
NORTH-EAST: A NEW ADAPTIVE STRATEGY IN  
GLOBALIZATION. SOCIAL AND ANTHROPOLOGICAL  
APPROACH OF YAKUT AND BRITISH RESEARCHERS**  
*Mikhail Prisyazhnyi<sup>1</sup>, Natalia Struchkova<sup>1</sup>, Anatolii Alekseev<sup>1</sup>,  
Sardaana Alekseeva<sup>2</sup>*  
<sup>1</sup>North Eastern Federal University (Yakutsk, Russia)  
<sup>2</sup>Institute of Humanities and Northern Indigenous Studies of SB  
RAS (Yakutsk, Russia)
- 12.00-13.00 *Lunch time*
- 13.00-13.15 **INTERNATIONAL INTERDISCIPLINARY SEMINAR  
NEFU «KHOLODNYE ZEMLI» - COLD LANDS: 2011-2014**  
*Dmitrii Osipov<sup>1</sup>, Roger Pearson<sup>2</sup>, Mikhail Prisyazhnyi<sup>1</sup>*  
<sup>1</sup>North Eastern Federal University (Yakutsk, Russia)  
<sup>2</sup>University of Alaska Fairbanks (Fairbanks, USA)
- 13.15-13.30 **URBAN INDIGENOUS PEOPLE. THE PLACE OF  
INDIGENOUS CULTURE IN THE CONTEMPORARY  
URBAN SOCIETY. IDENTITY CHALLENGES.**  
*Varvara Parilova*  
North-Eastern Federal University (Yakutsk, Russia)
- 13.30-13.45 **SOME ASPECTS OF LANGUAGE DOCUMENTATION IN  
CIRCUM-BAIKAL ASIA: POSSIBILITIES OF  
ESTABLISHING A LANGUAGE ARCHIVE?**  
*Jargal Badagarov*  
Department of Philology of Central Asia, Institute of Oriental  
Studies, Buryat State University (Ulan-Ude, Russia)
- 13.45-14.00 **NOMADIC SCHOOL IN THE CONCEPT OF  
SUSTAINABLE DEVELOPMENT OF INDIGENOUS  
PEOPLES OF THE NORTH, SIBERIA AND THE FAR  
EAST**  
*Darima Dorzhieva*  
Chair of Theology and Religious Studies, Buryat State University  
(Ulan-Ude, Russia)

- 14.00- **THE EVENK LANGUAGE IN BURYATIA**  
14.15 *Elizaveta Afanasyeva*<sup>1</sup>  
<sup>1</sup>Department of Indigenous Languages of Siberia, Buryat state University (Ulan-Ude, Russia)
- 14.15- **CREATIVE BURYAT GIRLS: CURRENT STATE**  
14.30 **FOLLOWING TRADITIONAL LIFESTYLE**  
*Bayarma Soktoeva*  
Department of Foreign Languages, Buryat State University (Ulan-Ude, Russia)
- 14.30- **HESITATION PAUSES IN UNREHEARSED READING OF**  
14.45 **MONGOLIAN LITERARY TEXT**  
*Oyuna Badmaeva*<sup>1,2</sup>  
<sup>1</sup>Department of Foreign Languages, Buryat State University (Ulan-Ude, Russia)  
<sup>2</sup>International Relations Department, Buryat State University (Ulan-Ude, Russia)
- 14.45- **Arctic Dialogue: Joint Science and Education Conference -**  
15.00 ***Session Discussion***
- 15.00- *Coffee break*  
15.30
- 15.30- **Arctic Dialogue: Joint Science and Education Conference -**  
16.00 ***Session Discussion***

Oral Session  
**Environmental Risk Management and Technologies  
of Northern Regions Development**

**Chairpersons**

John Eichelberger, UArctic Vice-President Academic  
Vasilii Lutsyk, Professor, Department of General and Analytical Chemistry,  
BSU

*June 17, 2015, Wednesday, 9.00-16.00  
Main building, Room 8407*

- 9.00-9.15    **NEW TECHNOLOGIES FOR PROCESSING RAW MATERIALS IN CONDITIONS OF THE SIBERIA**  
*Vera Radnaeva, Nikolai Sovetkin, Galina Vasiljeva*  
Department of Leather, Fur Technology, Water Resources and Commodity Research,  
East Siberia State University of Technologies and Management (Ulan-Ude, Russia)
- 9.15-9.30    **TERRITORIAL CHARACTERISTICS OF TRADITIONAL NATURE OF THE EASTERN SAYAN**  
*Chimita Urbanova<sup>1</sup>, Vladimir Babikov<sup>2</sup>*  
<sup>1</sup>Faculty of Biology and Geography, Buryat State University (Ulan-Ude, Russia)  
<sup>2</sup>Pedagogical Institute, Buryat State University (Ulan-Ude, Russia)
- 9.30-09.45    **LA-ICP-SF-MS U-PB ISOTOPE DATING OF ZIRCONS (MEASUREMENT PROCEDURE, APPLICATION, AGE INTERVAL OF ANGARA-VITIM GRANITOID BATHOLITE FORMATION)**  
*Andrei Tsygankov<sup>1,2</sup>, Valentin Khubanov<sup>1,2</sup>, Molon Buyantuev<sup>1</sup>*  
<sup>1</sup>Geological Institute of SB RAS (Ulan-Ude, Russia)  
<sup>2</sup>Buryat State University (Ulan-Ude, Russia)
- 09.45-10.00    **ANALYSIS OF LANDSAT NDVI TIME SERIES FOR DETECTING LAND DEGRADATION IN DRY CLIMATIC ZONES OF RUSSIA AND MONGOLIA**  
*Bair Tsydyrov<sup>1</sup>, Endon Garmaev<sup>1</sup>, Arnold Tulokhonov<sup>1</sup>, Zhargalma*



*Alymbaeva<sup>1</sup>, Aleksandr Ayurzhanayev<sup>1</sup>, Bator Sodnomov<sup>1</sup>, Eduard Batotsyrenov<sup>1</sup>, Tsedengiin Chimeddorj<sup>2</sup>, Gombosurengein Udval<sup>3</sup>*

<sup>1</sup>Laboratory of Geocology, Baikal Institute of Nature Management SB RAS (Ulan-Ude, Russia)

<sup>2</sup>Mongolian State University of Agriculture (Ulaanbaatar, Mongolia)

<sup>3</sup>Research Institute of Animal Husbandry, Grassland and Animal Nutrition Department (Ulaanbaatar, Mongolia)

10.00-  
10.15 **THE RESULTS OF RADIOGEOLOGICAL DIAGNOSTICS OF THE CRYOLITHIC ZONE OF THE SIBERIAN ARCTIC REGION**

*Lyudmila Angarkhaeva<sup>1</sup>, Yurii Bashkuev<sup>1</sup>, Darima Buyanova<sup>1</sup>, Mikhail Dembelov<sup>1</sup>*

<sup>1</sup>Laboratory of Electromagnetic Diagnostics, Institute of Physical Materials Science of SB RAS (Ulan-Ude, Russia)

10.15-  
10.30 **Arctic Dialogue: Joint Science and Education Conference - Session Discussion**

10.30-  
11.00 *Coffee break*

11.00-  
11.15 **TEMPORARY WINTER ROADS FROM SNOW AS A WAY TO DEVELOP NORTHERN TERRITORIES SOCIAL INFRASTRUCTURE**

*Vasilii Shityi<sup>1</sup>, Aleksandr Sharukha<sup>1</sup>, Mikhail Spirichev<sup>2</sup>*

<sup>1</sup>Tyumen State Oil and Gas University (Tyumen, Russia)

<sup>2</sup>North-Ural Department of the Federal Service for Ecological, Environmental, Technological and Nuclear Supervision (Tyumen, Russia)

11.15-  
11.30 **DEVELOPMENT OF TRANSPORTATION SYSTEM IN THE NORTHERN REGIONS**

*Aleksandr Sharukha, Shakhbuba Merdanov, Vasilii Shityi*  
Tyumen State Oil and Gas University (Tyumen, Russia)

11.30-  
11.45 **ENVIRONMENTALLY FRIENDLY TECHNOLOGIES OF LEATHER AND FUR RAW MATERIALS PROCESSING BY TRADITIONS OF THE NORTH PEOPLES**

*Dmitry Shalbuev*

Department of Leather and Fur Technology. Water Resources and

Commodity Research,  
East Siberia State University of Technology and Management  
(Ulan-Ude, Russia)

- 11.45-12.00      **TRADITIONAL FERMENTED FISH PRODUCTS IN NORTHERN REGIONS: A REVIEW**  
*Anna Nikiforova<sup>1</sup>, Olga Nikiforova<sup>2</sup>*  
<sup>1</sup>Department of Standardization, Metrology and Quality Management, East Siberia State University of Technology and Management (Ulan-Ude, Russia)  
<sup>2</sup>Republican Medical Informational Analytical Center (Ulan-Ude, Russia)
- 12.00-13.00      *Lunch*
- 13.00-13.15      **FELT WATERPROOFING BY USING THE NANOPARTICLES**  
*Andrei Nomoev<sup>1,2</sup>, Valerii Lygdenov<sup>1,2</sup>, Nadezhda Khiterkheeva<sup>1</sup>, Aleksandr Radnaev<sup>1</sup>*  
<sup>1</sup>Department of Physics and Engineering, Buryat State University (Ulan-Ude, Russia)  
<sup>2</sup>Institute of Physical Materials Science of SB RAS (Ulan-Ude, Russia)
- 13.15-13.30      **SPATIO-TEMPORAL VARIABILITY OF THAWING DEPTH OF PERMAFROST LANDSCAPES IN THE SOUTHERN PART OF THE VITIM PLATEAU**  
*Nimazhap Badmaev<sup>1</sup>, Anatolii Kulikov<sup>1</sup>, Bair Tsydyypov<sup>2</sup>, Endon Garmaev<sup>2</sup>*  
<sup>1</sup>Laboratory of Soil Ecology and Geography, Institute of General and Experimental Biology SB RAS (Ulan-Ude, Russia)  
<sup>2</sup>Laboratory of Geocology, Baikal Institute of Nature Management SB RAS (Ulan-Ude, Russia)
- 13.30-13.45      **CONTRADICTIONS IN “ATLAS OF PHASE DIAGRAMS FOR LEAD-FREE SOLDERING”**  
*Vasilii Lutsyk<sup>1,2</sup>, Vera Vorob'eva<sup>2</sup>, Svetlana Shodorova<sup>2</sup>, Eduard Nasrulin<sup>2</sup>*  
<sup>1</sup>Department of Chemistry, Buryat State University (Ulan-Ude, Russia)  
<sup>2</sup>Sector of Computer-Aided Materials Design, Institute of Physical Material Science SB RAS (Ulan-Ude, Russia)

- 13.45-14.00 **ADHESION AND TRYBOLOGICAL PROPERTIES OF SOLID LUBRICANTS AT LOW TEMPERATURES**  
*Vasilii Kornopol'tsev<sup>1</sup>, Dmitrii Mogonov<sup>2</sup>, Oksana Ayurova<sup>1</sup>, Sergei Buyantuev<sup>3</sup>*  
<sup>1</sup>Laboratory of Polymer Chemistry, Baikal Institute of Nature Management SB RAS (Ulan-Ude, Russia)  
<sup>2</sup>Faculty of Chemistry, Buryat State University (Ulan-Ude, Russia)  
<sup>3</sup>Faculty of Electrical Engineering, East Siberia State University of Technology and Management (Ulan-Ude, Russia)
- 14.00-14.15 **THE HEAT PUMPS APPLICATION IN THE SIBERIAN AND ARCTIC CONDITIONS**  
*Tatiana Kocheva<sup>1</sup>, Boris Granin<sup>2</sup>*  
<sup>1</sup>Institute of Physical Material Science of SB RAS (Ulan-Ude, Russia)  
<sup>2</sup>National Research Tomsk Polytechnic University (Tomsk, Russia)
- 14.15-14.30 **THE MODERN STATE OF TECHNOGENIC BURDEN DISTURBANCES OF THE NATURAL ENVIRONMENT ON A GIVEN TERRITORY (EXAMPLE OF HOLBYNSKY MINE)**  
*Oksana Ivanova<sup>1</sup>*  
<sup>1</sup>Buryat State University (Ulan-Ude, Russia)
- 14.30-14.45 **RESEARCH OF MECHANICAL PROPERTIES OF NANOPARTICLES SUSPENSIONS**  
*Badma Badmaev<sup>1,3</sup>, Bair Damdinov<sup>1,2</sup>, Tuyana Dembelova<sup>1</sup>, Dagzama Makarova<sup>1</sup>*  
<sup>1</sup>Institute of Physical Material Science, SB RAS (Ulan-Ude, Russia)  
<sup>2</sup>Buryat State University (Ulan-Ude, Russia)  
<sup>3</sup>East Siberia State University of Technology and Management (Ulan-Ude, Russia)
- 14.45-15.00 **Arctic Dialogue: Joint Science and Education Conference - Session Discussion**
- 15.00-15.15 *Coffee break*
- 15.15-16.00 **Arctic Dialogue: Joint Science and Education Conference - Session Discussion**

Oral Session  
**Education for Sustainable Development in the Arctic**

SUBSESSION: **EDUCATION**

**Chairpersons**

John Eichelberger, UArctic Vice-President Academic  
Svetlana Yun-Khai, Vice-Director of Pedagogical Institute, BSU

*June 17, 2015, Wednesday, 9.00-16.00  
Main building, Room 8417*

09.00-09.10     **WHAT ARE THE POTENTIALS OF ARTISTIC ACTIONS IN MUSEUMS SUSTAINABLE EDUCATION?**

*Ásthildur Björg Jónsdóttir*  
Iceland Academy of the Arts, Reykjavik, Iceland

09.10-09.20     **SCIENTIFIC AND EDUCATIONAL PARTNERSHIPS IN A TIME OF INTERNATIONAL TENSION: THE IMPORTANCE OF UNIVERSITY OF THE ARCTIC**

*John Eichelberger<sup>1,2</sup>*  
<sup>1</sup>UArctic, Rovaniemi, Finland  
<sup>2</sup>Graduate School, University of Alaska Fairbanks (Fairbanks, USA)

09.20-09.30     **SOCIAL-ECOLOGICAL DEVELOPMENT OF THE REGION AND EDUCATION FOR SUSTAINABLE DEVELOPMENT: THE CASE OF MONGOLIA**

*Innokentii Aktamov, Damdin Badaraev, Timur Badmatsyrenov, Vladimir Rodionov*  
Asian Studies Centre, Buryat State University (Ulan-Ude, Russia)

09.30-09.40     **LEARNING ETHNIC DIVERSITY THROUGH LITERATURE**

*Elena Baiartueva, Elena Vasilyeva*  
Institute of Philology and Mass Communication, Buryat State University (Ulan-Ude, Russia)

09.40-     **INTERCULTURAL COMPETENCE FORMATION**

- 09.50      **FEATURES OF NON-LANGUAGE HIGHER EDUCATION  
INSTITUTION BILINGUAL STUDENTS IN  
TRILINGUALISM SITUATION**  
*Vilena Borisova*  
Yakut State Agricultural Academy (Yakutsk, Russia)
- 09.50-  
10.00      **PROBLEMS OF DEVELOPMENT OF AXIOLOGICAL  
ATTITUDE OF ELEMENTARY SCHOOL CHILDREN TO  
MUSICAL ART PIECES**  
*Tuyana Budaeva*  
Pedagogical Institute, Buryat State University (Ulan-Ude, Russia)
- 10.00-  
10.10      **THE QUALITY OF PROFESSIONAL EDUCATION IN THE  
REPUBLIC OF BURYATIA: PRECONDITIONS OF  
FORMATION OF ITS EVALUATION SYSTEM**  
*Yulia Byuraeva, Nina Babueva*  
Department of Regional Economic Studies, Buryat Scientific Centre  
of SB RAS (Ulan-Ude, Russia)
- 10.10-  
10.20      **THE FACTORS OF PUBLIC CONSCIOUSNESS  
FORMATION AMONG THE YOUTH OF INDIGENOUS  
PEOPLE IN INTERNAL ASIA (ON THE EXAMPLE OF  
MONGOLIA)**  
*Erdem Dagbaev*  
Buryat State University (Ulan-Ude, Russia)
- 10.20-  
10.30      **EDUCATION FOR SUSTAINABLE DEVELOPMENT IN  
REGIONAL SCHOOLS: EXPERIENCE AND  
PERSPECTIVES**  
*Nina Dagbaeva*  
Pedagogical Institute, Buryat State University (Ulan-Ude, Russia)
- 10.30-  
11.00      *Coffee break*
- 11.00-  
11.10      **ON POPULATION'S ECOLOGICAL CULTURE  
DEVELOPMENT IN THE CONTEXT OF BAIKAL REGION  
SUSTAINABLE DEVELOPMENT**  
*Tuyana Dugarova, Lubov' Khaludorova, Ayuna Grigor'eva*  
Buryat Autonomous Institution for Further Vocational Education  
"Buryat Republican Institute of Educational Policy" (Ulan-Ude,  
Russia)
- 11.10-  
11.20      **THE OPPORTUNITY FOR DEVELOPMENT  
OF LEARNING AND COGNITIVE COMPETENCE OF**

**FUTURE TEACHERS OF VOCATIONAL TRAINING  
BASED ON MODULE-RATING TRAINING**

*Irina Dulchaeva*

Pedagogical Institute, Buryat State University (Ulan-Ude, Russia)

11.20- **THE SCHOOLCHILD PATRIOTIC EDUCATION** IN  
11.30 **THE PROCESS OF TEACHING MATHEMATICS**

*Larisa Gabeeva*

Pedagogy Institute, Buryat State University (Ulan-Ude, Russia)

11.30- **EDUCATING ART TEACHERS - EXPLORING THE**  
11.40 **SUSTAINABLE WAYS TO PROMOTE CULTURAL  
DIVERSITY IN THE NORTH**

*Mirja Liisa Hiltunen*

Faculty of Art and Design, University of Lapland (Rovaniemi,  
Finland)

11.40- **ARCTIC SUSTAINABLE ARTS AND DESIGN**  
11.50 **STRENGTHENED BY NORTHERN CULTURES**

*Timo Sakari Jokela*

Faculty of Art and Design, University of Lapland (Rovaniemi,  
Finland)

11.50- **MODERN ENGLISH COURSE BOOK AS A MEANS OF**  
12.00 **ETHNO-CULTURAL COMPETENCE FORMATION OF  
SCHOOLCHILDREN**

*Yuliya Komarova*

Institute of Foreign Languages at Herzen State Pedagogical  
University of Russia (Saint-Petersburg, Russia)

12.00- *Lunch*  
13.00

13.00- **THE DEVELOPMENT OF THE EDUCATIONAL SPACE IN**  
13.10 **THE CONTEXT OF GLOBAL CIVILIZATIONAL  
APPROACH**

*Innokentii Malanov, Sergei Namsaraev*

Buryat State University (Ulan-Ude, Russia)

13.10- **ENGLISH TEACHING TO STUDENTS FROM**  
13.20 **MULTICULTURAL BACKGROUNDS**

*Dora Matveeva*

Department of Foreign Languages, Buryat State University (Ulan-Ude, Russia)

- 13.20-  
13.30     **POLYSUBJECTIVE CHARACTER OF MODERN EDUCATION**  
*Galina Rogaleva*  
Pedagogics Department, Buryat State University (Ulan-Ude, Russia)
- 13.30-  
13.40     **ARITHMETIC TASKS AS A MEANS OF INVOLVING YOUNGER STUDENTS TO THE NATIONAL CULTURE OF THE BURYATS**  
*Darima Rybdylova*  
Pedagogical Institute, Buryat State University (Ulan-Ude, Russia)
- 13.40-  
13.50     **SENIOR PRESCHOOL CHILDREN INVOLVEMENT INTO ECOLOGICAL TRADITIONS AND CUSTOMS OF THE PEOPLES OF BURYATIA (ON THE EXAMPLE OF TEACHING MATERIALS "BAIKAL TOOLKIT")**  
*Nadezhda Sodnomova*  
Pedagogical Institute, Buryat State University (Ulan-Ude, Russia)
- 13.50-  
14.00     **PROJECT ACTIVITY IN THE HISTORICAL EDUCATION: FROM THE EXPERIENCE OF INTERNATIONAL EDUCATIONAL EXPEDITIONS TO MONGOLIA**  
*Marina Tsyrenova, Irina Ayushieva*  
Buryat State University (Ulan-Ude, Russia)
- 14.00-  
14.10     **UNIVERSITY INTERNATIONALIZATION – CONDITION OF EDUCATION QUALITY ASSURANCE: CASE OF NEFU INTERNATIONAL SUMMER SCHOOLS**  
*Elena Vinokurova*  
*North Eastern Federal University (Yakutsk, Russia)*
- 14.20-  
14.30     **BURYAT ETHNIC TRADITIONS' APPLICABILITY AND SCHOOLCHILDREN'S ECOLOGICAL CULTURE DEVELOPMENT**  
*Svetlana Yun-Khai*  
Pedagogical Department, Buryat State University (Ulan-Ude, Russia)
- 14.30-  
14.40     **EDUCATIONAL “RAMP” AND TEACHING TESTS**  
*Vasilii Lutsyk<sup>1,2</sup>, Vladimir Lutsik<sup>3</sup>*  
<sup>1</sup>Sector of Computer-Aided Materials Design, Institute of Physical

Materials Science SB RAS (Ulan-Ude, Russia)

<sup>2</sup>Department of Chemistry, Buryat State University (Ulan-Ude, Russia)

<sup>3</sup>Department of Chemical technology, Tver State Technical University (Tver, Russia)

14.40-  
14.50     **THE DEVELOPMENT OF THE INDIGENOUS PEOPLES OF THE FAR NORTH OF RUSSIA IN THE STRATEGIC PROGRAMME FOR THE DEVELOPMENT OF THE ARCTIC**

*Aleksandr Yantranov, Nikolay Atanov*

Scientific Research Center of Institute of Economics and Management, Buryat State University (Ulan-Ude, Russia)

14.50-  
15.00     **THE YOUTH IS THE FUTURE OF THE ARCTIC**

*Vera Cherkasova*

Taimyr College (Dudinka, Russia)

15.00-  
15.15     *Coffee-break*

15.15-  
15.25     **THE MASTER'S PROGRAM OF ECOLOGY AND NATURE MANAGEMENT IN THE BURYAT STATE UNIVERSITY AS A MEMBER OF THE NETWORK OF THE UNIVERSITY OF THE ARCTIC («THE MIDDLE OF THE NORTH: THE CONSERVATION OF BIODIVERSITY AND SUSTAINABLE DEVELOPMENT»)**

*Erdeni Elaev<sup>1</sup>, Bair Gomboev<sup>2</sup>, Galina Batorova<sup>1</sup>*

<sup>1</sup>Department of Biology and Geography, Buryat State University (Ulan-Ude, Russia)

<sup>2</sup>Baikal Institute of Nature Management, SB RAS (Ulan-Ude, Russia)

15.25-  
16.00     **Arctic Dialogue: Joint Science and Education Conference -  
*Session Discussion***



Oral Session  
**Education for Sustainable Development in the Arctic**

ROUND TABLE: TOPICAL LAW ISSUES

ROUND TABLE: **EDUCATIONAL TECHNOLOGIES  
IN TRANSFORMATION PROCESS OF LEGAL SYSTEMS**

**Chairperson**

Aleksi Svistunov,  
Chairman of All-Russia Non-Governmental Organization  
“Association of Lawyers of Russia”

*June 16, 2015, Wednesday, 11.00-12.00  
Main building, Room 8330*

1. **LEGAL FORMS OF UNITING CORPORATE LAW SUBJECTS FOR EXPLORING ARCTIC REGION: OPTIMIZATION AND ORGANIZATION**  
*Nikolai Mikhailov*  
Institute of State and Law of the Russian Academy of Sciences  
(Moscow, Russia)
2. **PROBLEMS OF THE MASTER’S THESIS PERFORMANCE**  
*Iraida Smol’kova*  
Criminal Proceedings and Prosecutor's Supervision Department of the  
Baikal State University of Economics and Law (Irkutsk, Russia)
3. **EFFECTIVE MODELS OF NETWORKING AT EDUCATIONAL INSTITUTIONS AND IMPLEMENTING PROGRAMS IN LAW**  
*Dzhamilya Chimitova*
4. **IMPLEMENTATION OF THE RIGHT TO COMPENSATION FOR LOSSES AND DAMAGES OF NATIVE HABITAT OF SMALL NUMBERED INDIGENOUS PEOPLE BY ECONOMIC ACTIVITIES IN RUSSIA**  
*Aitalina Petrova*  
North Eastern Federal University (Yakutsk, Republic of Sakha  
(Yakutia))

5.     **ANTICORRUPTION EDUCATION: DIDACTICS PROBLEMS**  
*Yurii Garmaev*  
Faculty of Law, Buryat State University (Ulan-Ude, Russia)
6.     **QUALITY OF LEGAL EDUCATION: STATE AND PERSPECTIVE**  
*Dmitrii Sin'kov*  
Chita Institute (Branch) of Baikal State University of Economics and Law (Chita, Russia)
7.     **THE MEDIATION TRAINING OF LAW STUDENTS: NEEDS, OBJECTIVES, COMPETENCIES**  
*Marianna Sadovnikova*  
Law Institute, Irkutsk State University (Irkutsk, Russia)
8.     **THE LEGAL CONSCIOUSNESS OF THE PEOPLES OF THE NORTH**  
*Vladimir Mel'nikov*  
Faculty of Law, Buryat State University (Ulan-Ude, Russia)
9.     **THE PROBLEMS OF EVENKS HAVE REACHED THE EUROPEAN COURT OF HUMAN RIGHTS**  
*Oleg Khyshiktuev*  
Faculty of Law, Buryat State University (Ulan-Ude, Russia)
10.    **PROBLEMS OF TEACHING THE DISCIPLINES ON ANTICRIMINAL COURSE UNDER CONDITIONS OF LEGAL SYSTEMS TRANSFORMATION**  
*Elvira Radnaeva, Yurii Kharmaev*  
Faculty of Law, Buryat State University (Ulan-Ude, Russia)
11.    **PROBLEMS OF METHODOLOGY OF TEACHING CRIMINAL LAW**  
*Tatyana Erkhitueva, Nadezhda Mikhakhanova*  
Faculty of Law, Buryat State University (Ulan-Ude, Russia)
12.    **THE ISSUES OF ACADEMIC MOBILITY IN RUSSIA AND FINLAND**  
*Zhanna Vasil'eva*  
Faculty of Law, Buryat State University (Ulan-Ude, Russia)
13.    **FEATURES OF FORMATION OF PROFESSIONAL COMPETENCE OF FUTURE LAWYERS IN THE LEARNING PROCESS AT THE UNIVERSITY NEEDED TO WORK IN THE FAR NORTH**  
*Boris Bal'zhev, Nikolai Shatuev*  
Faculty of Law, Buryat State University (Ulan-Ude, Russia)

Oral Session  
**Informational Technologies in the Development  
and Exploration of Arctic Territories**

**Chairpersons**

Kari Laine, UArctic Vice-President Research  
Kirsi Latola, Director of UArctic Thematic Networks Office  
Fedor Khandarov, Head of Department of Information Technologies, BSU

*June 17, 2015, Wednesday, 9.00-16.00  
Main building, Room 8307*

- 9.00-  
9.20      **USE OF CLOUD TECHNOLOGIES FOR STUDENTS  
TESTING**  
*Shulun Tsydypov, Bair Damdinov, Antonida Tonkhonoeva*  
Buryat State University (Ulan-Ude, Russia)
- 9.20-  
9.40      **INFOGRAPHICS**  
*Ekaterina Aleksandrova, Fedor Khandarov*  
Institute for Mathematics and Informatics, Buryat State University  
(Ulan-Ude, Russia)
- 9.40-  
10.00     **THE COMPARISON OF EVOLUTIONARY ALGORITHM  
WITH OTHER METHODS OF UNCONSTRAINED  
OPTIMIZATION**  
*Pavel Sorokovikov, Olga Kononova*  
Department of Mathematics and Informatics, Buryat State  
University (Ulan-Ude, Russia)
- 10.00-  
10.20     **OPPORTUNITIES OF MOBILE TECHNOLOGIES FOR  
LEARNING AND TEACHING OF FOREIGN LANGUAGES**  
*Natalia Novosel'tseva*  
Department of Oriental Languages, Buryat State University (Ulan-  
Ude, Russia)
- 10.30-  
11.00     *Coffee break*

11.00- **COMPUTER ASSEMBLING OF T-X-Y PHASE DIAGRAMS**  
11.20 **TO ELABORATE THE ALLOYS AND CERAMICS WITH**  
**THE FROSTRESISTENCE**

*Vasilii Lutsyk<sup>1,2</sup>, Vera Vorob'eva<sup>2</sup>, Anna Zelenaya<sup>2</sup>, Aleksandr Zyryanov<sup>2</sup>*

<sup>1</sup>Department of Chemistry, Buryat State University  
(Ulan-Ude, Russia)

<sup>2</sup>Sector of Computer-Aided Materials Design, Institute of Physical  
Materials Science SB RAS (Ulan-Ude, Russia)

11.20- **ARCTIC TELECOMMUNICATIONS AND NETWORKING-**  
11.40 **BROADBAND FOR A CONNECTED ARCTIC: CASE FOR A**  
**UARCTIC THEMATIC NETWORK**

*Karl Kowalski*

Office of Information Technology, University of Alaska Fairbanks  
(Fairbanks, USA)

11.40- **COMPLEXITY INDEX DEFINITION FOR THE**  
12.00 **ORNAMENTAL IMAGE**

*Elena Urmakshinova<sup>1</sup>, Tatiana Kocheva<sup>2</sup>*

<sup>1</sup>Buryat State University (Ulan-Ude, Russia)

<sup>2</sup>Institute of physical materials science of SB RAS (Ulan-Ude,  
Russia)

12.00- *Lunch time*  
13.00

13.00- **THE GEOINFORMATION SYSTEM "THE ETHNO-**  
13.20 **ECOLOGICAL POTENTIAL OF THE BURYATIA"**

*Tumen Darmaev, Georgii Barlukov*

Department of Mathematics and Informatics, Buryat State  
University (Ulan-Ude, Russia)

13.20- **CORRELATION OF ADAPTATION RATE OF ATHLETES**  
13.40 **AND INTENSITY OF TRAINING LOAD WITHIN**  
**MESOCYCLE (CASE STUDY OF POWERLIFTING)**

*Maksim Aksenov*

Faculty of Physical Training, Sport and Tourism, Buryat State  
University (Ulan-Ude, Russia)

13.40-  
14.00      **FORMATION OF PROFESSIONAL READINESS FUTURE  
SPECIALISTS WITH THE USE OF INFORMATION  
TECHNOLOGY**

*Angelina Bagdueva*

Faculty of Physics and Technology, Buryat State University  
(Ulan-Ude, Russia)

14.00-  
14.20      **EXPERIENCE OF DISTANCE EDUCATION IN THE  
NORTHERN REGIONS OF THE RUSSIAN FEDERATION  
AND THE UNITED STATES FOR EURASIAN  
INTEGRATION**

*Vyacheslav Lipatov*

Moscow State University of Economics, Statistics and Informatics  
(Moscow, Russia)

14.20-  
15.00      **Arctic Dialogue: Joint Science and Education Conference -  
Session Discussion**

15.00-  
15.15      *Coffee break*

15.15-  
16.00      **Arctic Dialogue: Joint Science and Education Conference —  
Session Discussion**