

Sobolev Institute of Geology and Mineralogy SB RAS (IGM SB RAS)
Trofimuk Institute of Petroleum Geology and Geophysics SB RAS
(IPGG SB RAS)
Novosibirsk State University (NSU)

**The 8th International Siberian Early Career
GeoScientists Conference**
(13-24 June 2016)

SCIENTIFIC PROGRAM

Novosibirsk
2016

The 8th International Siberian Early Career GeoScientists Conference
will be held from 13 to 24 June 2016

Location:

Sobolev Institute of Geology and Mineralogy, SB RAS (IGM SB RAS);
Trofimuk Institute of Petroleum Geology and Geophysics, SB RAS (IPGG
SB RAS)

Novosibirsk, 3 Koptyuga ave.

Website: <http://sibconf2016.igm.nsc.ru>

Conference e-mail:

sibconf2016@igm.nsc.ru

sibconf2016@gmail.com

The Conference is supported by RFBR (grant 16-35-10128), IGM SB RAS, IPPG SB RAS, NSU, SGA, I.A.G.O.D., SPE, Data East, LLC, SEG and IAS.

ORGANIZING COMMITTEE

Co-chairmen: Dr. Nikolay P. Pokhilenko, Academician of RAS, Director of IGM SB RAS; Dr. Vladimir A. Kashirtsev, Corresponding Member of RAS, Deputy Director IPGG SB RAS

Conference Secretariat: Dr. Irina A. Vishnevskaya (IGM SB RAS); Dr. Anastasiya E. Starikova (IGM SB RAS); Yulia S. Vosel (IGM SB RAS); Maria V. Cherdantseva (NSU); Dr. Vadim N. Reutsky (IGM SB RAS)

Technical Manager: Dmitry A. Dochkin (IPGG SB RAS)

Time limit:

Oral presentation - 10 min.

Questions and discussion after talk – 5 min.

13th June

13th JUNE

(Main Conference Hall IGM/IPGG SB RAS)

8.30 - 10.00 REGISTRATION

10.00 – 10.30 OPENING CEREMONY

PRE CONFERENCE SHORT COURSES

MAGMATISM AND METALLOGENY

(Main Conference Hall IGM/IPGG SB RAS)

10.30 – 11.20 Eugene Sklyarov, prof., PhD
(Institute of the Earth's Crust, SB RAS, Irkutsk, Russia)
METAMORPHISM AND TECTONICS

11.20 – 12.10 Vadim Kamenetsky, prof., PhD
(University of Tasmania, Hobart, Australia)
**THE SUPERGIANT OLYMPIC DAM Cu-U-Au-Ag ORE DEPOSIT:
TOWARDS A NEW GENETIC MODEL**

12.10 – 12.20 Coffee-break

12.20 – 13.10 Vadim Kamenetsky, prof., PhD
(University of Tasmania, Hobart, Australia)
**NEW MODELS FOR KIMBERLITE PARENTAL MELTS:
COMPOSITION, TEMPERATURE, ASCENT AND EMPLACEMENT**

SEISMOLOGY

(Small Conference Hall IPGG SB RAS 413 room)

10.30 – 11.20 Ivan Koulakov, PhD
(Trofimuk Institute of Petroleum Geology and Geophysics, SB RAS, Novosibirsk, Russia)
**PROCESSES INSIDE VOLCANOES INFERRED BY SEISMIC
TOMOGRAPHY**

11.20 – 12.10 Boris Sibiryakov, PhD
(Trofimuk Institute of Petroleum Geology and Geophysics, SB RAS, Novosibirsk, Russia)
**LATENT NONLINEARITY AND DISPERSION PHENOMENA IN
MICRO-INHOMOGENEOUS MEDIA**

12.10 – 12.20 Coffee-break

13th-14th June

PETROLEUM SCIENCES

(Small Conference Hall IPGG SB RAS 413 room)

- 12.20 – 13.10** **Vladimir Kashirtzev, PhD** *(Trofimuk Institute of Petroleum Geology and Geophysics, SB RAS, Novosibirsk, Russia)*
BIOMARKER STRATIGRAPHY OF UPPER JURASSIC AND LOWER CRETACEOUS SEDIMENTS OF THE LENA-ANABAR BASIN
- 13.10 – 14.00** **Maxim Serebrenikov**
(Baker Hughes, Novosibirsk, Russia)
REAL-TIME OBJECTIVES OF OIL & GAS GEOLOGY

14th JUNE

PRE CONFERENCE TRAINING SESSIONS AND SHORT COURSES

SEDIMENTARY BASINS

(Main Conference Hall IGM/IPGG SB RAS)

- 9.30 – 10.20** **Poppe de Boer, prof., PhD**
(Utrecht University, Utrecht, Netherlands, IAS lecturer)
MODERN VERSUS ANCIENT CONTROLS ON SEDIMENTARY SYSTEMS; THE PRESENT IS NOT ALWAYS THE KEY TO THE PAST
- 10.20 – 11.10** **Poppe de Boer, prof., PhD**
(Utrecht University, Utrecht, Netherlands, IAS lecturer)
TIDE-INFLUENCED SEDIMENTARY SYSTEMS; PROCESSES AND PRODUCTS; SENSITIVITY TO OTHER CONTROLS
- 11.10 – 11.20** **Coffee-break**
- 11.20 – 12.10** **Poppe de Boer, prof., PhD**
(Utrecht University, Utrecht, Netherlands, IAS lecturer)
ORBITAL (MILANKOVITCH) CYCLES: PATHWAYS FOR THE TRANSFER OF ORBITAL SIGNALS INTO THE SEDIMENTARY RECORD
- 12.10 – 13.00** **Tofiq Rashidov, PhD**
(Institute of Geology and Geophysics, ANAS, Baku, Azerbaijan)
MUD VOLCANISM OF THE SOUTH-CASPIAN BASIN (AZERBAIJAN)
- 13.00 – 13.50** **Vincenzo Pascucci, prof., PhD**
(University of Sassari, Sassari, Italy, IAS General Secretary)
CLIMATE CHANGES AND HUMAN IMPACT IN THE LATE QUATERNARY TO HOLOCENE TIMES: WHAT WE CAN LEARN FROM SEDIMENTOLOGY

14th-15th June

EXPERIMENTAL MINERALOGY AND CRYSTAL GROWTH

(Small Conference Hall IPGG SB RAS, 413 room)

- 9.30 – 10.20** **Pavel Gavryushkin, PhD**
(Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)
UNUSUAL COMPLEX STRUCTURES OF Na-Ca DOUBLE
CARBONATES
- 10.20 – 11.10** **Anton Shatsky, PhD**
(Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)
DISSOLUTION-PRECIPITATION AS A POSSIBLE MECHANISM
OF MELT IMMIGRATION ON THE DEEP EARTH MANTLE
- 11.10 – 11.20** **Coffee-break**
- 11.20 – 12.10** **Konstantin Kokh, PhD**
(Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)
CLEAVAGE IN TECHNICAL CRYSTALS: BENEFITS AND
LOSSES

PALEOMAGNETISM, GEODYNAMICS AND TECTONICS

(Small Conference Hall IGM SB RAS, 332 room)

- 9.30 – 11.10** **Matthew Domeier, prof., PhD** (University of Oslo, Oslo, Norway)
PALEOGEOGRAPHIC MODELING WITH GPLATES
(personal laptop is necessary for participants)
- 11.10 – 11.25** **Coffee-break**
- 11.25 – 14.00** **Matthew Domeier, prof., PhD**
(University of Oslo, Oslo, Norway)
PALEOGEOGRAPHIC MODELING WITH GPLATES (Continue)

15th JUNE

PETROLOGY AND GEOCHEMISTRY OF IGNEOUS AND METAMORPHIC ROCKS

(Main Conference Hall IGM/IPGG SB RAS)

Convener: *prof., PhD Andrey Izokh (NSU; IGM SB RAS, Novosibirsk, Russia)*

- 9.30 - 9.45** **Tatiana Kalashnikova**
(Vinogradov Institute of Geochemistry, SB RAS, Irkutsk, Russia)
THE GEOCHEMICAL CHARACTERISTIC OF MINERALS FROM
MANTLE XENOLITH IN THE OBNAJENNAYA PIPE (YAKUTIAN
KIMBERLITE PROVINCE)

15th June

9.45 - 10.00

Olga Ilyina

(Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)

PGE DISTRIBUTION FEATURES IN MANTLE XENOLITHS FROM KIMBERLITE UDACHNAYA PIPE (YAKUTIA)

10.00 – 10.15

Maria Shapovalova

(Novosibirsk State University; Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)

THE VARIATION OF THE CONCENTRATION OF PGE, Cu, Ni, Au AND THE COMPOSITION OF PGE MINERALS AND SULPHIDES IN DIFFERENT ORE TYPES OF THE MONCHEGORSK PLUTON

10.15 - 10.30

Ildar Nizametdinov

(Novosibirsk State University; Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)

COMPOSITION OF OLIVINE AND ITS INCLUSIONS AS THE PRIMARY SOURCE OF INFORMATION ABOUT THE ORIGIN OF BASALTS OF VOLCANO MENSHIY BRAT, ITURUP ISLAND, SOUTHERN KURILE ISLANDS

10.30 – 10.45

Ondrej Kratky

(Charles University; Czech Geological Survey, Prague, Czech Republic)

REE AND TRACE ELEMENTS IN THE SAMALPATTI AND SEVATTUR CARBONATITES, TAMIL NADU, SOUTHERN INDIA

10.45 – 11.00

Aleksandra Isakova

(Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)

BOLSENA COMPLEX LEUCITE TEPHRIPHONOLITE FROM ORVIETO AREA (VULSINI DISTRICT OF THE ROMAN PROVINCE)

11.00 – 11.15

Coffee-break

11.15 – 11.30

Reza Maghdour-Mashhour

(School of Geology, College of Science, University of Tehran, Tehran, Iran)

MULTIPLE REINJECTIONS AND COMPACTION IN THE KARAJ DAM BASEMENT SILL, NORTHERN IRAN

11.30 – 11.45

Maria Turova

(Lomonosov Moscow State University, Moscow, Russia)

GEOCHEMICAL AND PETROGRAPHIC FEATURES OF MEGACRYSTS, PHENOCRYSTS FROM LUNAR CRATER MONOGENETIC FIELD (NEVADA, USA)

11.45 – 12.00

Evgeniy Mikheev

(Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)

CORRELATION OF GRANIOTIDS AND METAMORPHIC COMPLEXES OF AN EARLY PALEOZOIC COLLISIONAL SYSTEM OF TRANSBAIKALIA

15th June

- 12.00 – 12.15** **Dulmazhap Ayurzhanaeva**
(*Geological Institute, SB RAS, Ulan-Ude, Russia*)
COMPOSITION FEATURES OF FLUIDS IN QUARTZITES OF
KYACHTA SILLIMANTE DEPOSIT (WEST TRANSBAIKALIA)
- 12.15 – 12.30** **Daria Elkina**
(*VNIIOkeangeologia named after I.S. Gramberg; Saint Petersburg State
University, St. Petersburg, Russia*)
MAGNETIC STUDY OF ROCK BOTTOM MATERIAL FROM THE
MENDELEEV RISE AREA: TEMPERATURE CHARACTERISTICS
- 12.30 – 12.45** **Maria Smirnova**
(*Lomonosov Moscow State University, Moscow, Russia*)
THE ORIGIN OF RUTILE AND ILMINITE PSEUDOMORPHOSIS
AFTER PEROVSKITE IN AILLIKITES FROM ILBOKICHESKOE
OCCURRENCE, SW SIBERIA
- 12.45 – 13.00** **Sergei Sasim**
(*Irkutsk State University; Vinogradov Institute of Geochemistry, SB RAS,
Irkutsk, Russia*)
GEOCHEMISTRY AND Sr-Nd ISOTOPE SYSTEMATICS OF
MESOZOIC POST-ACCRETION AND RIFTING MAGMATISM OF
THE ALEKSANDROVO-ZAVODSKAYA DEPRESSION (EASTERN
TRANSBAIKALIA)

GEOECOLOGY AND NATURAL HAZARDS

(*Small Conference Hall IPGG SB RAS, 413 room*)

Convener: *PhD Elena Lazareva (IGM SB RAS, Novosibirsk, Russia)*

- 9.30 - 9.45** **Svetlana Shtel'makh**
(*Institute of the Earth's Crust, SB RAS, Irkutsk, Russia*)
MICROELEMENTAL COMPOSITION OF THE IRKUTSK'S
LOESSLIKE SEDIMENTS UNDER TECHNOGENIC CONDITIONS
- 9.45 - 10.00** **Ekaterina Rybkina**
(*Trofimuk Institute of Petroleum Geology and Geophysics, SB RAS, Novosibirsk,
Russia*)
THE EXPERIMENTAL STUDYING OF BEHAVIOR ELEMENTS
AT INTERACTION OF DRAINAGE WATERS WITH NATURAL
AND MODIFIED SORBENTS UNDER MAGNETIC FIELD
- 10.00 – 10.15** **Bulat Soktoev**
(*Tomsk Polytechnic University, Tomsk, Russia*)
CHEMICAL COMPOSITION OF NATURAL FRESH WATER SALT
DEPOSITS (SOUTHERN SIBERIA)
- 10.15 - 10.30** **Zorigma Pakhakhinova**
(*Baikal Institute of Nature Management, SB RAS, Ulan-Ude, Russia*)
CREATION OF GIS FOR MONITORING OF LAKE BAIKAL BASIN
NATURAL RESOURCES

15th June

10.30 – 10.45

Nomvar Kurbonov

(Tajik National University, Dushanbe, Tajikistan)

STATUS QUA AND FUTURE CONFLICTS IN TRANSBOUNDARY RIVER CATCHMENTS WATER RESOURCES IN THE ZERAVSHAN RIVER BASIN (TAJIKISTAN-UZBEKISTAN)

10.45 – 11.00

Coffee-break

HYDROGEOLOGY AND APPLIED GEOLOGY

(Small Conference Hall IPGG SB RAS, 413 room)

Convener: *PhD Dmitriy Novikov (IPGG SB RAS, Novosibirsk, Russia)*

11.00 – 11.15

Kristina Malysheva

(Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)

THE CHEMICAL ELEMENT BEHAVIOUR RESEARCH IN THE DISCHARGE ZONES OF ACTIVE VOLCANIC-HYDROTHERMAL SYSTEMS WITH THE HELP OF SELECTOR PC

11.15 – 11.30

Yana Sadykova

(Trofimuk Institute of Petroleum Geology and Geophysics, SB RAS, Novosibirsk, Russia)

HYDROGEOCHEMICAL FEATURES OF THE NORTHEASTERN PART OF THE BOL'SHAYA KHETA MEGASYNECLISE

11.30 – 11.45

Ksenia Ses

(Trofimuk Institute of Petroleum Geology and Geophysics, SB RAS, Novosibirsk, Russia)

HYDROGEOCHEMICAL AND HYDRODYNAMIC FEATURES OF THE BOVANENKOVSKO-NURMINSKY TILTING MEGASWELL

11.45 – 12.00

Nikolay Torgovkin

(Melnikov Permafrost Institute, SB RAS, Yakutsk, Russia)

SALINE SOILS OF ACTIVE LAYER AND NEAR-SURFACE PERMAFROST IN URBAN AREA OF YAKUTSK

12.00 – 12.15

Pavel Kotov

(Lomonosov Moscow State University, Moscow, Russia)

IMPACT THAWING ON SOIL DEFORMATION AND CONSOLIDATION

POSTER SESSION (15.00-18.00)

(Main Conference Hall IGM/IPGG SB RAS)

Tatiana Akimova LEACHING OF ELEMENTS FROM HIGH-SULFIDE WASTES IS CASE OF SUBZERO TEMPERATURE

Sergey Aksenov STRUCTURAL FEATURES OF ELEONORITE, A NEW MINERAL OF BERAUNITE GROUP

15th June

Ekaterina Bazarova NEW DATA ON SECONDARY MINERALS OF KAN-I-GUT CAVE MINE (CENTRAL ASIA)

Ekaterina Bazarova CAVE PEARLS OF SEVERNAYA CAVE (SVERDLOVSK REGION)

Ekaterina Bazarova PRELIMINARY RESULTS OF SECONDARY MINERALS STUDIES IN BOTTOM PART OF SNEZHNAYA CAVE SYSTEM (WESTERN CAUCASUS, BZYBSKY RIDGE)

Ekaterina Bazarova FLUORINE-BEARING MINERALS OF ALKALINE GRANITES OF THE KATUGIN COMPLEX (EAST SIBERIA)

Altyna Behtenova CRYSTAL STRUCTURES OF ALKALINE CARBONATES ABOVE 100 GPa: CRYSTAL STRUCTURE PREDICTION AND HIGH-PRESSURE EXPERIMENT

Elena Borisenko GEOLOGY AND GEOCHEMICAL FEATURES OF THE PALEOPROTEROZOIC MONCHETUNDR MASSIF MAFIC ROCKS (FENNOSCANDIAN SHIELD)

Dmitry Budko CHEMICAL FRACTIONATION OF TOXIC HEAVY METALS IN HOLOCENE BOTTOM SEDIMENTS OF THE WHITE SEA

Anna Dolgaya FEATURES OF SIMULATION OF WAVE PROPERTIES OF GEODYNAMIC PROCESS

Alexander Dudaev HIGH-PERFORMANCE COMPUTING ON GPU FOR 2D ELECTRIC LOGGING PROBLEM BASED ON THE FINITE ELEMENT METHODS

Nikolay Groshev THE GABBRO-10 MASSIF IN THE MONCHEGORSK LAYERED COMPLEX (KOLA PENINSULA, RUSSIA): NEW PETROGEOCHEMICAL DATA

Anna Ivanova PROBLEMS OF INFORMATIZATION IN THE RUSSIAN GEOLOGICAL EDUCATION AND POSSIBLE SOLUTIONS

Anna Khubanova ENVIRONMENT RECONSTRUCTION OF LATE PLEISTOCENE OF THE WEST TRANSBAIKALIA BY C-N ISOTOPE COMPOSITION OF PALEONTOLOGICAL MATERIAL

Svetlana Kokh TRAVERTINES OF GORNY ALTAI: MINERALOGY, GEOCHEMISTRY, AND GENESIS

Alena Kompanchenko MINERALS OF SPINEL GROUP IN MASSIVE SULFIDE OF THE KOLA REGION, RUSSIA

Svetlana Lepekha EBSD ANALYSIS OF MICRO-INCLUSIONS IN CLINOPYROXENES FROM THE SOUTH URALS HARZBURGITE-LHERZOLITE SERIES

Ekaterina Lukyantseva COMPARISON CLIMATE SIGNALS IN THE MINERAL COMPOSITION PLEISTOCENE-HOLOCENE SEDIMENTS OF BAIKAL AND HOVSGOL LAKES

15th June

Sergey Mankevich FEATURES OF MINERAL COMPOSITION OF GRANITOIDS FROM THE KOPAN' MASSIVE (PR1) OF THE SOUTH-EAST BELARUS

Marina Marchuk GEOCHEMICAL FEATURES OF CHAROITE FORMATION

Georgy Maximov NEW DATA ABOUT TALIKS IN ALLUVIAL SEDIMENTS WITHIN THE LENA RIVER DELTA

Zinaida Motova AGE OF DETRITAL ZIRCONS, PETROGRAPHIC AND GEOCHEMICAL FEATURES OF THE VENDIAN SEDIMENTARY ROCKS OF OSELOK GROUP FROM THE BIRYUSA REGION

Ilnur Mukhliev RESERVE-GROWTH POTENTIAL IN CARBONATE DEPOSITS OF ZAVOLGHSKY HORIZON, ROMASHKINSKOE OILFIELD

Nikolay Murzintsev VARIATION OF Ar/Ar AGE WITHIN THE GRANITIC MASSIF AND ESTIMATE ITS HALO HEAT AFFECTED BY HOST ROCKS

Irina Myagkaya ELEMENTS ACCUMULATION IN VERTICAL PROFILE OF A DISPERSION TRAIN GOLD-SULFIDE TAILINGS

Sofya Novikova HAZARDOUS ELEMENTS IN GLASSY COMBUSTION METAMORPHIC ROCKS OF GOOSE LAKE COAL BASIN: INCORPORATION INTO ACCESSORIES AND THEIR LONG-TERM DURABILITY

Ivan Nuzhdaev MAGNETOMETRIC SURVEYS IN THE AREA OF NIZHNE-KOSHELEVSKY GEOTHERMAL DEPOSIT (SOUTHERN KAMCHATKA)

Anastasia Oshchepkova MODELING OF MINERAL COMPOSITION OF BOTTOM SEDIMENTS OF LAKE BAIKAL (EASTERN SIBERIA, RUSSIA)

Marco Pinheiro THE NEGATIVE Ce ANOMALY IN WEBSTERITES AND ITS SIGNIFICANCE ON THE SOUTHERN BORDER OF THE SÃO FRANCISCO CRATON – MINAS GERAIS, BRAZIL

Ivan Podborodnikov THE EQUATION OF STATE OF PYROPE AND ITS SOLID SOLUTIONS AT HIGH TEMPERATURES AND PRESSURES

Anton Ponomarchuk PETROLOGY OF ALKALINE ROCK OF INAGLY MASSIF

Artem Proshenkin RESULTS OF U-Pb DATING OF DETRITAL ZIRCONS FROM LATE PRECAMBRIAN SANDSTONES, SOUTH-EAST OF YENISEI RIDGE

Jaroslav Řihošek AN EFFECT OF GRAVITY-INDUCED STRESS ON DECAY RATE OF SANDSTONE MONUMENTS IN PETRA, JORDAN

Olga Rodionova EFFECT OF POROSITY AND SURFACE AREA ON RELATIVE PERMITTIVITY OF THE FLUID-SATURATED ROCKS

Aleksei Rogozin RECONSTRUCTION OF A GIANT PYROCLASTIC FLOW ASSOCIATED WITH KARYMISHINA CALDERA, SOUTH KAMCHATKA

Bagai-ool Saryg-ool SEQUENTIAL EXTRACTION OF NOBLE METALS FROM WASTES AND PEAT IN TAILING SYSTEM

15th June

Natalia Selezeneva THE BASEMENT'S STRUCTURE IN THE SOUTH-EAST OF THE VOLGA-URAL ANTECLISE

Elizaveta Shapovalova GEODYNAMIC PROCESSES AS A NEW FACTOR IN GEOMORPHOLOGICAL STUDIES

Igor Sharygin INTERSTITIAL MINERAL ASSEMBLAGES IN SHEARED PERIDOTITES FROM UDACHNAYA-EAST KIMBERLITE PIPE (SIBERIAN CRATON)

Igor Sharygin NEW DATA ON MINERALOGY OF ALNÖITIC ROCKS FROM MALAITA, SOLOMON ISLANDS

Svetlana Shtel'makh MICROELEMENTAL COMPOSITION OF THE IRKUTSK'S LOESSLIKE SEDIMENTS UNDER TECHNOGENIC CONDITIONS

Marina Soboleva THE LATE FRASNIAN MALAYA USA RIVER SECTION, POLAR URALS, RUSSIA

Tatiana Sokolova EQUATIONS OF STATE OF ROCK-FORMING CORUNDUM TYPE OXIDES (α -Al₂O₃, Cr₂O₃, AND α -Fe₂O₃)

Anastasiya Starikova MELILITE-BEARING PARAGENESSES FROM THE TAZHERAN MASSIF, WESTERN BAIKAL AREA, RUSSIA

Ekaterina Steshenko REE DISTRIBUTION AND U-Pb AGE FOR KANDALAKSHA ANORTHOSITE MASSSIF (BALTIC SHIELD): NEW DATA

Anna Tseplyaeva 3D GEOLOGICAL MODELING OF THE PALEOZOIC DEPOSITS: KRASNOLENINSK ARCH CASE

Marek Tuhy MINERALOGY OF PARTICULATES FROM SEMIARID SOILS POLLUTED BY MINING AND SMELTING

Ugap'eva Sargylana DIAMONDS WITH MINERAL INCLUSIONS: X-RAY TOMOGRAPHY AND RAMAN SPECTROSCOPY

Aleksandr Ukraintsev THE USE OF WASTES OF TAILINGS DAM OF THE DZHIDINSKY TUNGSTEN-MOLIBDENUM COMBINE AS NON-TRADITIONAL FERTILIZERS

Aleksandr Ukraintsev HYDROLOGICAL AND HYDROCHEMICAL IMPACTS OF WILDFIRES IN THE BRYANKA RIVER BASIN

Elena Vakh STUDY OF RARE-EARTH ELEMENTS DISTRIBUTION IN BOTTLED WATERS

Irina Vishnevskaya GEOCHEMICAL FEATURES OF NEOPROTEROZOIC TERRIGENOUS ROCKS FROM AKTAU-MOINTY CONTINENTAL BLOCK

Yulia Vosel URANIUM SPECIATION IN MODERN CARBONACEOUS SEDIMENTS OF SMALL LAKES

Evgeniy Zdrokov PHASE FORMATION IN THE OLIVINE - MAGNESITE - PYRITE SYSTEM UNDER HIGH P-T PARAMETERS

16th June

16th JUNE

GEOCHEMISTRY AND GEOCHRONOLOGY (part 1)

(Main Conference Hall IGM/IPGG SB RAS)

Convener: *prof., PhD Olga Turkina (NSU; IGM SB RAS, Novosibirsk, Russia)*

- 9.30 - 9.45** **Aleksandr Karpov**
(Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)
GEOCHEMICAL FEATURES OF ISHIM PLAIN LAKES
(NORTHERN KAZAKHSTAN)
- 9.45 - 10.00** **Ekaterina Ovdina**
(Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)
FEATURES OF SMALL LAKES SAPROPELS COMPOSITION OF
THE BARABINSK STEPPE (CENTRAL PART) DEPENDING ON
THE WATER COMPOSITION
- 10.00 – 10.15** **Ekaterina Mikheeva**
(Institute of the Earth's Crust, SB RAS, Irkutsk, Russia)
CORRELATION OF THE KUDA AND KOTY FORMATIONS OF
THE IRKUTSK MIDDLE JURASSIC COAL-BEARING BASIN
BASED ON GEOCHEMICAL AND U-Pb DETRITAL ZIRCON
DATA
- 10.15 - 10.30** **Daniil Alekseev**
(Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)
Ar/Ar AGE SPECTRUM MEASURING WITH HIGH RESOLUTION
BY EXTRACTED GAS PORTION
- 10.30 – 10.45** **Julia Beznosikova**
(Saint Petersburg State University, St. Petersburg, Russia)
THE APPLICATION OF THE U-Th-He METHOD FOR THE DIRECT
DATING OF NATIVE GOLD FROM THE OLYMPIC DAM
DEPOSIT (AUSTRALIA)
- 10.45 – 11.00** **Yulia Kochergina**
*(Charles University in Prague; Czech Geological Survey, Prague, Czech
Republic)*
AGE OF MANTLE BENEATH THE BOHEMIAN MASSIF:
ISOTOPIC CONSTRAINTS
- 11.00 – 11.15** **Coffee-break**
- 11.15 – 11.30** **Olga Yakubovich**
*(Saint Petersburg State University; Institute of Precambrian Geology and
Geochronology, RAS, St. Petersburg, Russia)*
RETENTION OF U-Th-He ISOTOPE SYSTEM IN SULFIDES

- 11.30 – 11.45** **Evgeny Kunakkuzin**
(*Geological Institute, KSC RAS, Apatity, Russia*)
ISOTOPE-GEOCHEMICAL Nd-Sr FEATURES OF THE
PALEOPROTEROZOIC PGE-BEARING MONCHETUNDRA
MASSIF MAFIC ROCKS (FENNOSCANDIAN SHIELD)
- 11.45 – 12.00** **Taisia Alifirova**
(*Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia*)
⁴⁰Ar/³⁹Ar ANALYSIS OF PHLOGOPITES OF DIFFERENT GENESIS
(UDACHNAYA-EAST AND MIR KIMBERLITE PIPES)
- 12.00 – 12.15** **Elena Shchukina**
(*Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia*)
METASOMATIC ORIGIN OF GARNET XENOCRYSTS FROM THE
V. GRIB KIMBERLITE PIPE, NW RUSSIA
- 12.15 – 12.30** **Denis Mikhailenko**
(*Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia*)
P-T CONDITIONS OF DIAMOND- AND GRAPHITE-BEARING
ECLOGITE XENOLITHS FROM UDACHNAYA KIMBERLITE
(YAKUTIA, RUSSIA)
- 12.30 – 14.00** **LUNCH**
- 14.00 – 14.15** **Molon Buyantuev**
(*Geological Institute, SB RAS, Ulan-Ude, Russia*)
U-Pb AGE AND SOURCES OF LATE PALEOZOIC BIMODAL
DYKE MAGMATISM IN WESTERN TRANSBAIKALIA
- 14.15 - 14.30** **Victor Gorovoy**
(*Institute of the Earth's Crust, SB RAS, Irkutsk, Russia*)
NEW GEOCHRONOLOGICAL CONSTRAINTS ON AGE OF
CHAROITITE, MALYY MURUN, SIBERIA
- 14.30 - 14.45** **Yana Komarova**
(*Vernadsky Institute of Geochemistry and Analytical Chemistry, RAS, Moscow, Russia*)
Rb-Sr AND Sm-Nd ISOTOPIC STUDY OF SREDINNIY RANGE
ROCKS, KAMCHATKA
- 14.45 – 15.00** **Eugene Vetrov**
(*Siberian Research Institute of Geology, Geophysics and Mineral Resources;
Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia*)
EVOLUTION OF TECTONIC EVENTS AND TOPOGRAPHY IN
SOUTHEASTERN GORNYY ALTAI IN THE LATE MESOZOIC-
CENOZOIC (DATA FROM APATITE FISSION TRACK
THERMOCHRONOLOGY)

16th June

- 15.00 - 15.15** **Maria Kazantseva**
(*Saint Petersburg State University, St. Petersburg, Russia*)
AGE OF Ta-Nb MINERALIZATION IN FIELDS SNEZHNOE AND
ULUG-TANZEK (Sm-Nd METHOD)
- 15.15 – 15.30** **Maria Stifeeva**
(*Saint Petersburg State University, RAS, St. Petersburg, Russia*)
U-Pb STUDY OF UGRANDITES – FIRST RESULTS AND
PERSPECTIVES

**GEOINFORMATION SYSTEMS IN THE EARTH SCIENCES / MINING
ENGINEERING**

(*Small Conference Hall IPGG SB RAS, 413 room*)

GIS LECTURE

- 9.30 - 10.20** **Nikita Glaznev**
(*Data East, LLC, Novosibirsk, Russia*)
MOBILE MAPPING WITH ARCGIS AND CARRYMAP
- Convener: *PhD Igor Eltsov (IPGG SB RAS, Novosibirsk, Russia)*
- 10.20 - 10.35** **Antonina Tataurova**
(*Novosibirsk State University; Trofimuk Institute of Petroleum Geology and
Geophysics, SB RAS, Novosibirsk, Russia*)
RHEOLOGICAL HETEROGENEITY AND STRESS-STRAIN STATE
OF THE CRUST MODEL FRAGMENT
- 10.35 – 10.50** **Viktoria Pavlova**
(*Karpinsky Russian Geological Research Institute, St. Petersburg, Russia*)
USING EARTH'S REMOTE SENSING DATA FOR THE LOCATION
OF PRECIOUS METALS MINERALIZATION IN THE
PARAMUSHIR ISLAND, NORTHERN KURIL ISLANDS,
SAKHALIN REGION
- 10.50 - 11.05** **Coffee-break**
- 11.05 - 11.20** **Iuliia Gordieieva**
(*Taras Shevchenko National University of Kyiv, Kyiv, Ukraine*)
REGULARITIES OF HYDROCARBON DEPOSITS PLACEMENT IN
THE CRYSTALLINE BASEMENT AND SEDIMENTARY COVER
WITHIN NORTHERN EDGE OF DNEIPER-DONETS RIFT FROM
THE STADPOINT OF TECHNOLOGY STAGR
- 11.20 - 11.35** **Marina Rohina**
(*Trofimuk Institute of Petroleum Geology and Geophysics, SB RAS, Novosibirsk,
Russia*)
REVEALING CRITERIA FOR PETROLEUM POTENTIAL OF AN
EASTERN SIBERIA FIELD (AS REPORTED BY TEM-DATA WITH
THE USE OF GEOINFORMATIONAL TECHNOLOGIES)

16th June

11.35 – 11.50 **Olga Zheltysheva**
(Institute of Mining, UB RAS, Ekaterinburg, Russia)
SLOPE MONITORING ISSUES AT OPEN PIT MINE: A CASE STUDY

GEOPHYSICAL RESEARCHING
(Small Conference Hall IPGG SB RAS, 413 room)

SEISMOLOGY LECTURE

12.10 - 13.00 **Joost van der Neut, PhD**
(Delft University of Technology, Delft, Netherland)
SEISMIC IMAGING WITH THE MULTIDIMENSIONAL MARCHENKO EQUATION

13.00 – 14.00 **LUNCH**

Convener: *PhD Anton Duchkov (IPGG SB RAS, Novosibirsk, Russia)*

14.00 – 14.15 **Timofey Eltsov**
(Profimuk Institute of Petroleum Geology and Geophysics, SB RAS, Novosibirsk, Russia)
COMPARISON OF PETROPHYSICAL CHARACTERISTICS OF CRYOGEL DURING FREEZING / DEFROSTING

14.15 - 14.30 **Larisa Teydypova**
(Geological Institute, SB RAS, Ulan-Ude, Russia)
A STUDY OF 1-D CRUSTAL AND UPPER MANTLE STRUCTURE IN TRANSBAIKALIA REGION

14.30 - 14.45 **Olga Samoylova**
(Institute of Volcanology and Seismology, FEB RAS, Petropavlovsk-Kamchatsky, Russia)
ABOUT THREE-DIMENSIONAL COAST EFFECT IN KAMCHATKA

14.45 – 15.00 **Anastasia Karasenko**
(Novosibirsk State University, Novosibirsk, Russia)
TWO-DIMENSIONAL MATHEMATICAL SIMULATION OF INDUCTION LOGGING DATA BASED ON THE FINITE-DIFFERENCE METHOD

15.00 - 15.15 **Igor Mikhaylov**
(Profimuk Institute of Petroleum Geology and Geophysics, SB RAS; Novosibirsk State University, Novosibirsk, Russia)
TRANSFORMATION OF INDUCTION-GALVANIC LOGGING SIGNALS USING SPLINE INTERPOLATION AND INTERPRETATION CHARTS

16th June

- 15.15 – 15.30** **Anastasiya Lapina**
(Omsk State Pedagogical University, Omsk, Russia)
COMPLEX DIELECTRIC PERMITTIVITY OF WATER/OIL
EMULSIONS IN A WIDE FREQUENCY BAND
- 15.30 - 15.45** **Rostislav Orlov**
(Novosibirsk State University; Trofimuk Institute of Petroleum Geology and
Geophysics, SB RAS, Novosibirsk, Russia)
METROLOGICAL SUPPORT OF ACOUSTIC INVESTIGATIONS
OF UNCONSOLIDATED SEDIMENTS OF GAS HYDRATES
- 15.45 – 16.00** **Nikita Kayurov**
(Trofimuk Institute of Petroleum Geology and Geophysics, SB RAS,
Novosibirsk, Russia)
PETROPHISICS CHARACTERICTICS OF PALEOSOIC COMPLEX
TRAPS OF URMAN-ARCHIN OIL AND GAS ZONE

MINERAL AND ORE DEPOSITS and ECONOMIC GEOLOGY

(Small Conference Hall IGM SB RAS, 332 room)

MAGMATISM AND METALLOGENY LECTURE

- 9.30 - 10.10** **Anna Vymazalová, PhD**
(Czech Geological Survey, Prague, Czech Republic)
PLATINUM-GROUP MINERALS: FROM EXPERIMENTAL TO
NATURAL

Convener: *PhD Anna Vymazalová (Czech Geological Survey, Prague, Czech Republic)*

- 10.10 - 10.25** **Maria Cherdantseva**
(Sobolev Institute of Geology and Mineralogy, SB RAS; Novosibirsk State
University, Novosibirsk, Russia)
SULFIDE ORE TENORS AND PARTITION COEFFICIENTS OF
CHALCOPHILE ELEMENTS BETWEEN BASE METAL SULFIDES
FROM SULFIDE BLEBS OF RUDNIY INTRUSION, NW
MONGOLIA
- 10.25 - 10.40** **Krzysztof Foltyn**
(AGH University of Science and Technology, Krakow, Poland)
Cu-Ni-PGE MINERALIZATION IN THE MORRISON DEPOSIT,
SUDBURY
- 10.40 – 10.55** **Filip Zych**
(AGH University of Science and Technology, Krakow, Poland)
CHARACTERISATION OF PRIMARY ORE MINERALIZATION IN
GLLAVICA LATERITE DEPOSIT, KOSOVO
- 10.55 - 11.10** **Coffee-break**

16th June

- 11.10 – 11.25** **Piotr Kopeć**
(AGH University of Science and Technology, Krakow, Poland)
MINERALOGY OF PEGMATITES FROM WESTERN FINLAND
(HAAPALOUUMA AND KAATIALA) AND SWEDEN (RÅNEÅ)
- 11.25 – 11.40** **Pavel Kotler**
(Sobolev Institute of Geology and Mineralogy, SB RAS; Tomsk State University;
Novosibirsk State University, Novosibirsk, Russia)
RARE METAL STRUCTURES, MINERAL TYPES AND AGE OF
THE PEGMATITE DEPOSITS OF QALBA-NARYM GRANITOID
BELT
- 11.40 – 11.55** **Evgeniya Asochakova**
(National Research Tomsk State University, Tomsk, Russia)
MINERALOGICAL AND GEOCHEMICAL CRITERIA OF OOLITIC
IRON ORE FORMATION, BAKCHAR DEPOSIT, WESTERN
SIBERIA
- 11.55 – 12.10** **Alexander Tsikin**
(Russian State Geological Prospecting University, Moscow, Russia)
THE MWANUBI OCCURRENCE: AN EXAMPLE OF ATYPICAL
INTRUSION-HOSTED GOLD-MOLYBDENUM MINERALIZATION
IN THE LAKE VICTORIA GOLDFIELDS, TANZANIA
- 12.10 – 12.25** **Svetlana Vasylenko**
(Institute of Geological Sciences, NAS of Ukraine, Kyiv, Ukraine)
LITHOGENESIS AND MINERALIZATION OF MOTRONA-
ANNYVSKE TITANIUM-ZIRCONIUM PLACER DEPOSIT
(UKRAINIAN SHIELD)

GEODYNAMICS AND TECTONICS

(Small Conference Hall IGM SB RAS, 332 room)

Convener: *prof., PhD Matthew Domeier (University of Oslo, Oslo, Norway)*

- 14.00 – 14.15** **Alena Diachkova**
(National Research Tomsk State University, Tomsk, Russia)
NEW DATA ON THE GEOLOGICAL STRUCTURE OF THE FIELD
YUZYK (NORTHERN KHAKASSIA)
- 14.15 - 14.30** **Ekaterina Kulakova**
(Lomonosov Moscow State University, Moscow, Russia)
NEW DATA ON PALEOMAGNETISM OF THE DEVONIAN
DYKES (KOLA PENINSULA)

16th-17th June

- 14.30 - 14.45** **Anna Kulikova**
(Sobolev Institute of Geology and Mineralogy, SB RAS; Novosibirsk State University, Novosibirsk, Russia)
LATE PRECEMBRIAN-EARLY ORDOVICIAN EVOLUTION OF KURAI ACCRETIONARY-COLLISION ZONE (SOUTH-EAST PART OF GORNY ALTAI)
- 14.45 – 15.00** **Alexandra Mishakina**
(Lomonosov Moscow State University, Moscow, Russia)
THE RELIEF FORMATION OF THE YOUNG PLATFORM COVER ABOVE FAULTS IN BASEMENT: STUDYING WITH THE HELP OF ANALOG MODELING
- 15.00 - 15.15** **Vít Peřestý**
(Charles University in Prague, Institute of Petrology and Structural Geology, Prague, Czech Republic)
DECIPHERING OF THE POLYPHASE TECTONO-METAMORPHIC RECORD – THE OPENING AND CLOSURE OF THE RHEIC OCEAN RECORDED IN THE TEPLÁ-BARRANDIAN UNIT, BOHEMIAN MASSIF
- 15.15 – 15.30** **Aleksandr Savelev**
(Saint Petersburg State University, St. Petersburg, Russia)
U-Pb ZIRCON AGES (SHRIMP) FOR MAGMATIC BODIES OF MOUNTAIN CRIMEA
- 15.30 – 15.45** **Fedor Zhimulev**
(Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)
PRIMARY AND SECONDARY OROGENY: EXAMPLES FROM THE CENTRAL ASIAN OROGENIC BELT

17th JUNE

MINERALOGY AND EXPERIMENTAL MINERALOGY (part 1)

(Main Conference Hall IGM/IPGG SB RAS)

Convener: *PhD Viktor Sharygin (IGM SB RAS, Novosibirsk, Russia)*

- 9.30 - 9.45** **Taisia Alifirova**
(Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)
PREFERENTIALLY ORIENTED INCLUSIONS IN MANTLE GARNET: THEIR ORIGIN, MINERALOGY AND RELATION TO PARAGENESIS
- 9.45 - 10.00** **Ivan Maksimovich**
(Novosibirsk State University, Novosibirsk, Russia)
THE ORIGIN OF GROWTH ZONING IN PLAGIOCLASE PHENOCRYSTS FROM DACITIC PUMICES OF THE VETROVOI ISTHMUS (ITURUP ISLAND, SOUTHERN KURILE ISLANDS)

- 10.00 – 10.15** **Ekaterina Sokolova**
(Novosibirsk State University; Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)
COMPOSITION AND EVOLUTION FEATURES OF FLUID AT FORMATION OF SHAHDARINSKAYA AND LESKHOZOVSKAYA MIAROLITIC TOURMALINE-RICH PEGMATITES (SW PAMIR)
- 10.15 - 10.30** **Anastasia Mikhno**
(Novosibirsk State University; Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)
POST ENTRAPMENT EVOLUTION OF HYDROUS MELT INCLUSIONS IN THE UHP GNEISSES OF KOKCHETAV MASSIF
- 10.30 – 10.45** **Ekaterina Kaneva**
(Vinogradov Institute of Geochemistry, SB RAS, Irkutsk, Russia)
LOW TEMPERATURE SINGLE CRYSTAL X-RAY DIFFRACTION STUDY OF BYSTRITE AND SULFHYDRYLBYSTRITE
- 10.45 – 11.00** **Yuliya Bataleva**
(Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)
GRAPHITE AND DIAMOND CRYSTALLIZATION VIA CARBIDE-SULFIDE INTERACTION UNDER MANTLE P-T PARAMETERS
- 11.00 – 11.15** **Coffee-break**
- 11.15 – 11.30** **Mikhail Shtenberg**
(Institute of Mineralogy, UB RAS, Miass, Russia)
STRUCTURE OF MULTIALKALI GLASSFORMING SYSTEMS
- 11.30 – 11.45** **Artem Kuznetsov**
(Novosibirsk State University; Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)
TESTING NEW SOLVENTS FOR $K_2Al_2B_2O_7$ CRYSTAL GROWTH
- 11.45 – 12.00** **Anastasiya Zadova**
(Saint Petersburg State University, St. Petersburg, Russia)
SYNTHESIS, STRUCTURE, AND HIGHTEMPERATURE BEHAVIOR OF NEW COMPOUNDS $Ca_2(UO_2)O(TeO_3)_2$ AND $K_2(UO_2)_2O_2(TeO_3)$
- 12.00 – 12.15** **Mikhail Shtenberg**
(Institute of Mineralogy, UB RAS, Miass, Russia)
ADJUSTMENT OF EXPERIMENTAL DATA FOR ALKALI SILICATES MELTS BY METHOD OF PHYSICAL-CHEMICAL MODELING
- 12.15 – 14.00** **LUNCH**

17th June

Convener: prof., *PhD Sergey Smirnov (IGM SB RAS, Novosibirsk, Russia)*

- 14.00 – 14.15** **Victoria Sekisova**
(Novosibirsk State University; Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)
ULTRAMAFIC XENOLITHS IN MAGNESIAN BASALTS FROM THE KHARCHINSKY VOLCANO, KAMCHATKA
- 14.15 - 14.30** **Maria Kolesnichenko**
(Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk Russia)
LOW WATER CONTENT IN THE MANTLE XENOLITHS FROM UDACHNAYA KIMBERLITE PIPE, YAKUTIA
- 14.30 - 14.45** **Olga Shchepetova**
(Novosibirsk State University; Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)
RAMAN IMAGING OF DISORDERED GRAPHITE IN COESITE INCLUSIONS IN KYANITE FROM THE KOKCHETAV DIAMOND-BEARING GNEISSES
- 14.45 – 15.00** **Aleksandr Kragzhda**
(Novosibirsk State University; Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)
LiTm(WO₄)₂ BULK CRYSTAL GROWTH
- 15.00 - 15.15** **Kseniya Erofeeva**
(Russian State Geological Prospecting University, Moscow, Russia)
REVERSE ZONING IN CLYNOPYROXENE FROM GABBRO - PORPHYRITES OF «VSTRECHNIY» MAFIC MASSIF, NORTHERN KAMCHATKA

PALEONTOLOGY AND PALEOCLIMATOLOGY/ EVOLUTION OF SEDIMENTARY BASINS/ GEOMORPHOLOGY AND NEOTECTONICS

(Small Conference Hall IPGG SB RAS, 332 room)

Convener: prof., *PhD Poppe de Boer (Utrecht University, Utrecht, Netherlands)*

- 9.30 - 9.45** **Polina Saveleva**
(Sobolev Institute of Geology and Mineralogy, SB RAS; Novosibirsk State University, Novosibirsk, Russia)
NEW RADIOCARBON DATING OF THE TERRACES IN THE KATUN AND CHUYA VALLEYS (GORNYY ALTAI)
- 9.45 - 10.00** **Roland Nádaskav**
(Czech Geological Survey; Charles University in Prague, Prague, Czech Republic)
CORRELATION OF LACUSTRINE AND FLUVIAL DEPOSITS OF THE VRCHLABÍ FORMATION (LOWER PERMIAN, KRKONOŠE PIEDMONT BASIN) AS A KEY TO UNDERSTAND A/S RATIO CHANGES: PRELIMINARY RESULTS

17th June

- 10.00 – 10.15** **Maria Pavlova**
(Melnikov Permafrost Institute, SB RAS, Yakutsk, Russia)
PROCESSES OF MODERN AEOLIAN RELIEF FORMATION IN THE VILYUI RIVER BASIN (CENTRAL YAKUTIA)
- 10.15 - 10.30** **Victoria Afanasveva**
(VNIIOkeangeologia named after I.S.Gramberg, St. Petersburg, Russia)
PALEOCEANOGRAPHIC SETTINGS IN BAFFIN BAY DURING LATE HOLOCENE
- 10.30 – 10.45** **Snezhana Zhilich**
(Institute of Archaeology and Ethnography, SB RAS; Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)
MEAN JULY TEMPERATURE RECONSTRUCTION AND STABLE CARBON ISOTOPE DATA INFERRED FROM POLLEN COMPLEXES OF THE LAKE BOLSHIE TOROKI, NOVOSIBIRSK REGION
- 10.45 – 11.00** **Coffee-break**
- 11.00 – 11.15** **Anna Volvakh**
(Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)
LATE PLEISTOCENE LOESS LAYERS OF OB' LOESS PLATEAU AND CIS-ALTAI PLAIN: COMPLEX STUDY AND CORRELATION
- 11.15 – 11.30** **Dmitriy Malikov**
(Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia)
THE IMPACT OF PALEOLITHIC MAN HUNTING TO LATE PLEISTOCENE MAMMAL EXTINCTION
- 11.30 – 11.45** **Daria Tsvetkova**
(Lomonosov Moscow State University, Moscow, Russia)
SEDIMENT PRODUCTION AND REDISTRIBUTION IN PIEDMONT RIVER BASIN OF RUSSIAN SUBTROPICS
- 11.45 – 12.00** **Anastasia Vvazovkina**
(Samara State Technical University, Samara, Russia)
BIOSTRATIGRAPHIC RESEARCH OF MAASTRICHTIAN SEDIMENTS IN THE SAMARA REGION
- 12.15 – 12.30** **Sergey Vlasenko**
(National Mining University, St. Petersburg, Russia)
FORMATION CONDITIONS OF CRETACEOUS SEDIMENTS IN THE BASIN OF RIVER BELBEK

PETROLEUM GEOSCIENCES

(Small Conference Hall IGM SB RAS, 413 room)

Convener: *PhD Vladimir Kashirtsev (IPGG SB RAS, Novosibirsk, Russia)*

- 9.30 - 9.45** **Mikhail Fomin**
(Trafimuk Institute of Petroleum Geology and Geophysics, SB RAS, Novosibirsk, Russia)

17th June

BAZHENOVO HORIZON GEOLOGICAL STRUCTURE IN THE WEST SIBERIAN SEDIMENTARY BASIN WESTERN PART BASED ON WELL LOGGING DATA

9.45 - 10.00

Lenar Gazizullin

(Tatneft, NGDU Leninogorskneft, Leninogorsk, Russia)

SUPPLEMENTARY EXPLORATION OF STAROOSKOLSKY DEPOSITS IN SOUTH ROMASHKINO AREA OF ROMASHKINO FIELD

10.00 - 10.15

Jamilva Kashapova

(Tatneft, NGDU Leninogorskneft, Leninogorsk, Russia)

OIL EXPLORATION ON THE DOMANIK FORMATIONS. FURTHER EXPLORATION OF THE SEMILUKSKIY-MENDYMSKIY FORMATIONS IN THE ROMASHKINO OIL FIELD

10.15 – 10.30

Irina Korneva

(University of Bergen, Bergen, Norway)

HYDROTHERMAL DOLOMITES IN CARBONATE-DOMINATED RIFTS: SPATIAL AND TEMPORAL DISTRIBUTION, PETROPHYSICAL PROPERTIES AND FRACTURE INTENSITY (HAMMAM FARAUN FAULT BLOCK, SUEZ RIFT, EGYPT)

10.30 - 10.45

Alina Kosmacheva

(Novosibirsk State University, Novosibirsk, Russia)

GEOLOGICAL STRUCTURE, HISTORY OF TECTONIC DEVELOPMENT AND OIL-AND-GAS CONTENT OF CHKALOVSKOYE FIELD ACCORDING TO 2D AND 3D SEISMIC EXPLORATION AND DEEP DRILLING

10.45 – 11.00

Oxana Kulagina

(LLC TyumenNIIgiprogaz, Tyumen, Russia)

INVERSION TECTONIC MOVEMENTS AS THE BASIS FOR THE FORMATION OF OIL AND GAS ACCUMULATION ZONES IN THE NORTHERN PART OF THE WEST SIBERIAN PROVINCE

11.00 – 11.15

Coffee-break

11.15 – 11.30

Aman Turakhanov

(Novosibirsk State University; Trofimuk Institute of Petroleum Geology and Geophysics, SB RAS, Novosibirsk, Russia)

NMR RELAXOMETRY POTENTIAL FOR OIL RHEOLOGICAL PROPERTIES EVALUATION AND COMPONENT COMPOSITION DETERMINATIO

11.30 – 11.45

Iolanta Rakitina

(Novosibirsk State University, Novosibirsk, Russia)

SEISMOGEOLOGICAL MODEL AND PETROLEUM POTENTIAL OF CRETACEOUS DEPOSITS OF UBILEYNOE AND YAMSOVEISKOE FIELDS

17th June

11.45 - 12.00 **Evgeniy Ustimenko**
(*West Siberian Division of Trofimuk Institute of Petroleum Geology and Geophysics, SB RAS, Tumen, Russia*)
DETECTION OF PROBABLE GEOCHEMICAL MARKS OF OIL-BEARING AREAS IN THE EASTERN SIBERIA

WORKSHOP GCDkit

(*Conference Hall in Mineralogy building of IGM SB RAS, 302 room*)

9.30 – 11.10 **Vojtech Erban**
(*Czech Geological Survey, Prague, Czech Republic*)
A WORKSHOP FOCUSED ON USING GCDkit, A FREE SOFTWARE PACKAGE FOR HANDLING AND GRAPHICAL PRESENTATION OF (NOT ONLY) BULK-ROCK GEOCHEMICAL DATA OF IGNEOUS ROCKS
(*personal laptop is necessary for participants*)

11.10 – 11.25 **Coffee-break**

11.25 – 14.00 WORKSHOP GCDkit (*Continue*)

CULTURAL PROGRAM

(assembly point - the foyer of IGM SB RAS)

13th June

15.00-20.30 WALK SIGHTSEEING TOUR AT THE NOVOSIBIRSK CENTER AND EXCURSION TO THE ZOO

14th June

15.00-16.00 EXCURSION TO THE EXHIBITION CENTER OF SIBERIAN BRANCH OF THE RUSSIAN ACADEMY OF SCIENCES (or) TO THE ARCHAEOLOGY AND ETHNOGRAPHY MUSEUM

17.00 ICE-BREAK PARTY

16th June

16.00-19.00 EXCURSION TO THE HISTORICAL AND ARCHITECTURAL OPEN-AIR MUSEUM

17th June

18.00-23.00 CLOSING CEREMONY

18th June

8.00 Departure from Novosibirsk to scientific excursions
«**GEOLOGY MAGMATISM AND METALLOGENY OF GORNY ALTAI AND MINERALOGY**»
«**METALLOGENY OF THE NORTH-WESTERN ALTAI**»