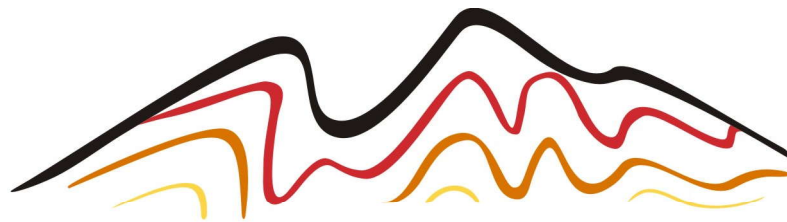


Sobolev Institute of Geology and Mineralogy SB RAS
(IGM SB RAS)
Trofimuk Institute of Petroleum Geology and Geophysics SB
RAS (IPGG SB RAS)
Novosibirsk State University (NSU)



The 6th International Siberian Early Career GeoScientists Conference

9-23 June, 2012
Novosibirsk, Russia

CONFERENCE PROGRAM



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OVERALL PROGRAM

9-10 June	11 June	12 June	13 June	14 June	15-23 June
Pre Conference Training sessions and Short courses	The 6 th International Siberian Early Career GeoScientists Conference				Post Conference Fieldtrip excursions
Diamonds Geodynamics and tectonics Magmatism and metallogeny Paleomagnetism - a method of geodynamic reconstructions Seismic Petroleum sciences Crystal growth GIS	Opening Ceremony Oral presentations Ice-breaking party	Oral presentations Poster presentations	Oral presentations Poster presentations	Museum and City Tours Closing Ceremony	<ul style="list-style-type: none"> • Geodynamics, magmatism and stratigraphy of Gorny Altai • Mineralogy and Metallogeny of the Northwestern Altai • Near Surface Geophysical investigations and Geo-Observatory measurements at Novosibirsk region

PARTICIPATION IN THE CONFERENCE, TRAINING SESSIONS AND SHORT COURSES IS FREE OF CHARGE.

REGISTRATION OF PARTICIPANTS WILL BE OPENED 9, 10, 11 June 08:00 – 12:00

The **oral presentations** will be allocated 20 minutes, including time for discussion (15 + 5). The conference room will be equipped with a computer and a projector for Microsoft PowerPoint presentations.

Maximum poster size is 118*84 cm (landscape orientation) or 84*60 cm (portrait orientation).

ORGANIZING COMMITTEE

Co-chairmen

Dr. Nikolay P. Pokhilenko, Academician of RAS, director of IGM SB RAS

Dr. Vladislav S. Shatsky, Corresponding Member of RAS, Professor, dean of GGD NSU

Dr. Vladimir A. Kashirtsev, Corresponding Member of RAS, 1st Science deputy director IPGG SB RAS

Conference Secretariat

Dr. Irina G. Tretiakova (IGM SB RAS)

Vasiliy V. Marusin (IPGG SB RAS)

Technical manager

Dr. Andrey V. Vishnevsky

CORRESPONDENCE

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Institute of Geology and Mineralogy SB RAS

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CULTURAL PROGRAM

During the conference, excursions to the Central Siberian Geological Museum, the Exhibition Centre of Siberian Branch of the Russian Academy of Sciences, and the Archaeology and Ethnography Museum will be organized for participants.

CONFERENCE LANGUAGE

The official language of the Conference will be English. All personal data and abstracts must be submitted in English.

Short courses			
Registration for the short courses: Conference Hall IGM/IPGG 9 June from 8:30 to 10:00			
		9 June	10 June
Conference Hall IGM (332 room)	10 00-13 00	Diamonds	Experimental mineralogy and crystal growth
	14 00-18 00	Magmatism and metallogeny	Geodynamics and tectonics
Conference Hall IPGG (413 room)	10 00-13 00	Petroleum sciences	
	14 00-18 00	Seismic	Presentation of “Bruker Company”
Gis centre IGM SB RAS	10 00	GIS	Geostatistic

9-10 JUNE 2012
TRAINING SESSIONS
PRELIMINARY SCHEDULE

Diamonds

Title	Lecturer
Mantle and diamonds: mineral inclusions and their petrological significance.	Academician of the RAS Dr. Nikolay V. Sobolev
Types of diamond deposits.	Academician of the RAS Dr. Nikolay P. Pokhilenko

Magmatism and metallogeny

Title	Lecturer
Gold deposits of Western Siberia and Eastern Kazakhstan: Types and ages of mineralization, correlation with magmatic events	Dr. Evgeniy A. Naumov, Dr. Alexander S. Borisenko
Ore-magmatic systems and ore forming processes	Dr. Nikolay A. Goryachev
Shear zone of Red river (Ailao-Shan, South-East Asia): Tectonic, geologic and metallogenic consequences	Dr. Andrey E. Izokh

Petroleum sciences

Title	Lecturer
Deposits of natural bitumen	Corresponding member of the RAS, Dr. Vladimir A. Kashirtsev
Joint inversion of logging and drilling data	Dr. Igor N. Yeltsov

GIS

Title	Lecturer
Application of ArcGIS 10 for Earth sciences	Data East, LLC

Experimental mineralogy and crystal growth

Title	Lecturer
Experimental mineralogy of diamond	Dr. Yury N. Palyanov
Crystal growth of bulk topological insulators	Dr. Konstantin A. Kokh
Heterogeneous magmatic mineral-forming systems from the viewpoint of inclusions in minerals	Dr. Sergey Z. Smirnov

Geodynamics and tectonics

Title	Lecturer
The cycle of juvenile carbon	Academician of the RAS Dr. Nikolay L. Dobretsov
Mesozoic and Cenozoic tectonics and geodynamics of Asia	Dr. Mikhail M. Buslov
Excursion to the Novosibirsk Paleomagnetic Center Head of the center	Dr. Alexey Yu. Kazansky

Seismic

Title	Lecturer
Tomographic imaging of the Earth on scales from centimeters to thousands kilometers	Dr. Ivan Yu. Kulakov
State of the arts in high performance computing in seismic exploration	Dr. Ilya Yu. Silvestrov
Application of seismic fields modeling to seismic imaging and inversion	Dr. Dmitriy A. Neklyudov

Geostatistic

Title	Lecturer
Rudiments of Matheronian Geostatistics	Dr. Yury L. Voytekhovskiy, Director of Geological Institute of KSC RAS

**11 June 2012
Main Conference Hall**

9 00 – 11 00 Opening Ceremony

Dr. Nikolay P. Pokhilenko, Academician of RAS, director of IGM SB RAS
Dr. Michail I. Epov, Academician of RAS, director of IPGG SB RAS
Dr. Vladislav S. Shatsky, Corresponding Member of RAS, Professor, dean of GGD NSU
Dr. Vladimir A. Kashirtsev, Corresponding Member of RAS, 1st Science deputy director IPGG SB RAS

**11 June 2012
Main Conference Hall**

MINERAL AND ORE DEPOSITS

Chairman: Jorge Manuel Relvas (University of Lisbon, Portugal)
Secretary: Irina Tretiakova (IGM, Novosibirsk, Russia)

11 00 – 11 40 Jorge Manuel Relvas

University of Lisbon, Lisbon, Portugal

The Neves Corvo VMS deposit: what makes it different in the context of the Iberian Pyrite Belt?

11 40 – 12 00 Fabio Andres Mendoza, K. Africano

Universidad Nacional de Colombia, Medellín, Colombia

Detailed survey Geological mapping of El Limon vein deposit and its relationship with the OTU fault shear zone, Zaragoza - Antioquia, Colombia.

12 00 – 12 20 coffee break

12 20 – 12 40 Irina Tretiakova

V.S. Sobolev Institute of Geology and Mineralogy, SB RAS, Novosibirsk, Russia

Novosibirsk State University, Novosibirsk, Russia

Types, geochemical characteristics and age of cobalt mineralization of the South Siberia.

12 40 – 13 00 Maria de las Nieves Gomez Miguelez¹, F. Tornos, F.1, Velasco, F.2, Videira, J.C.³

¹*Instituto Geológico y Minero de España, Madrid, Spain*

²*Universidad del País Vasco, Bilbao, Spain*

³*Cobre Las Cruces S.A., Gerena, Sevilla, Spain*

The unusual Las Cruces copper mineralization is the enrichment an actual supergene system?

13 00 – 13 20 Kseniya Ustyugova

Syktyvkar State University, Syktyvkar, Russia

Typomorphic features of gold on the Enganepe ridge (Polar Urals)

Discussion 13 20 – 14 00

Lunch 14 00 – 15 00

15 00 – 15 40 Alberto Lobo-Guerrero

LOGEMIN, Columbia

Anorogenic Ring Complex Clusters

15 40 – 16 00 Konstantin Murashov, B. Gongalskiy

Institute of Geology of Ore Deposits, Petrography, Mineralogy, and Geochemistry RAS, Moscow, Russia

Oxide and sulfide ore formation sequence modelling with reference to ore deposits of the Udokan–Chiney ore district

16 00 – 16 20 coffee break

16 20 – 16 40 Hallaj Kheljani Bijan¹, V. Simmonds²

¹*Islamic Azad University of Ahar, Iran*

²*Research Institute for Fundamental Sciences, Tabriz University, Tabriz, Iran*

Skarn-type Fe-Cu mineralization at eastern contact zone of Kamtal monzonitic stock, NW Iran

16 40 – 17 00 Dmitriy Dadaev

Institute of Geology & Geophysics of Academy of Sciences of Republic of Uzbekistan, Tashkent, Uzbekistan

Searches for diamond-bearing rocks which are not associated with kimberlites in the Muratau mountains, Uzbekistan

17 00 – 17 20 Ouattara Zie

Université de Cocody, Abidjan, Cote d'Ivoire

Lithostructural controls on gold in the Oumé-Fettékro greenstone belt, Côte d'Ivoire.

Discussion 17 20 – 18 00

11 June 2012
Conference Room 332

METAMORPHIC PETROLOGY AND MINERALOGY

Chairman: Andrey Korsakov.
Secretary: Lena Urmantseva

11 00-11 30 Andrey Korsakov

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia

Enigmatic alternations of carbon and SiO₂ polymorphs within the kyanite porphyroblasts from the Kokchetav diamond-bearing gneisses

11 30-11 50 Alexander Selyatitskii

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia

Crustal and mantle-derived peridotites from HP-UHP collision belts: mineral composition and geochemical differences

11 50-12 10 Anfisa Skoblenko, A. Tretyakov

Geological Institute, Russian Academy of Sciences, Moscow, Russia

The main features of composition, structure and origin of garnet pyroxenites and eclogites of Anrakhai metamorphic complex in South Kazakhstan

12 10-12 30 Ksenia Dokukina¹, A. Konilov¹, K. Van²

¹*Geological Institute, Russian Academy of Sciences, Moscow, Russia*

²*Institute of Experimental Mineralogy, Russian Academy of Sciences, Chernogolovka, Moscow region, Russia*

First discovery of MgTi-rich dumortierite in association with quartz, kyanite and corundum (Belomorian eclogite province)

12 30-12 50 coffee break

12 50-13 10 Eugeny Mikheev^{1,2}, D.Yudin², A. Malyshev³

¹*Novosibirsk State University, Russia*

²*V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia*

³*Geological Institute of SB RAS, Ulan-Ude, Russia*

⁴⁰Ar/³⁹Ar isotopic age of Svyatoy Nos Peninsula (Transbaikalia) granulites and problem of its geodynamic interpretation

13 10-13 40 Nadezhda Alfimova, V. Matrenichev, T. Zinger

Institute of precambrian geology and geochronology RAS, St. Petersburg, Russia

U-Pd dating of zircons from paleoweathering profiles

13 30-13 50 Vasiliy Belyaev

A.P. Vinogradov Institute of Geochemistry SB RAS, Irkutsk, Russia

Geochemical diversity of metabasite pods from the Neoproterozoic Baidaragin grey gneiss complex, Central Mongolia

13 50-14 10 Anastasiya Starikova

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia

A melilite-bearing calcic skarn, the Tazheran massif, Western Baikal area, Russia

Discussion 14 10 – 14 30

11 June 2012
Geophysical Conference Hall

**MODERN METHODS OF HYDROCARBON FUEL
PROSPECTS AND EXPLORATION**

Chairman: Sergey Moiseev (IPGG, Novosibirsk, Russia)
Secretary: Maxim Skuzovatov (IPGG, Novosibirsk, Russia)

11 00 – 11 20 Yury Telegin

V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok, Russia

Gas hydrates of the Okhotsk Sea is an impermeable layer for underlying oil and gas deposits.

11 20 – 11 40 Darya Kontorovich

A.A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia

Seismic criteria for predicting reservoir quality and delineating complex traps in oxfordian sands of the West Siberian petroleum province.

11 40 – 12 00 Denis Napreev

Scientific production enterprise of geophysical equipment "Luch", Novosibirsk, Russia

Complex of geophysical and geochemical methods for hydrocarbon prospects.

12 00 – 12 20 Andrey Medved

A.A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia

Seismic stratigraphy, tectonic history and petroleum potential of the northern part of Kaimysov anticline.

12 20 – 12 40 coffee break

12 40 – 13 00 Ilya Kozhemyakin

A.A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia

Geomechanical model of rootless gas-filled structures genesis: A case study from Medvezh'e field.

13 00 – 13 20 Natalya Pestrikova

V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok, Russia

Gas hydrate areas, gas discharge and methane flows in the Okhotsk Sea.

13 20 – 13 40 Timur Abramov, S. Skorodumov, E. Lebedev

Tyumen State Oil and Gas University, Tyumen, Russia

Methods of reservoir boundaries determination.

Discussion 13 40 – 14 00

Lunch 14 00 – 15 00

15 00 – 15 20 Maxim Skuzovatov

A.A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia

Porosity estimating of Parfenovo horizon of the Angara-Lensk step central part: complex interpretation of seismic, well-log, and petrophysics.

15 20 – 15 40 Catherine Surikova

A.A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Structural characteristic and tectonic evolution analysis of West Siberian basin northern areas in the Mesozoic and the Cenozoic (by results of regional seismic profiles 27 and 32 interpretation).

15 40 – 16 00 Ekaterina Mironcheva

LARGEO, Moscow State University, Moscow, Russia
Medyn-Sarembay Anticline zone Lochkovian reservoirs structure and petroleum potential.

16 00 – 16 20 Andrey Khromovskikh

Joint Stock Company TomskNIPIneft, Tomsk, Russia
Hydrocarbon migration behaviour in Late Jurassic reservoirs of Kaymisovsk arch.

16 20 – 16 40 Dmitriy Burdakov¹, V. Merkulov¹, R. Shotsky²

¹*Tomsk Polytechnic University, Tomsk, Russia,*

²*Freelancer, Novosibirsk, Russia*

Proper Kv/Kh for reservoir simulation: use of core images.

16 40 – 17 00 coffee break

17 00 – 17 20 Irina Korneva¹, E. Tondi¹, F. Agosta², R. Di Cuia³, R. Bitonte³, M. Giorgioni⁴

¹*Geology Division, School of Science and Technology, University of Camerino, Italy,* ²*Department of Earth Sciences, University of Basilicata, Potenza and Matera, Italy,*

³*G.E.Plan Consulting, Ferrara, Italy,*

⁴*Shell E&P, Rome, Italy*

Scaling relationships of faults and fractures crosscutting Cretaceous platform carbonates in the Murge Plateau (southern Italy): implications for the characterisation and modelling of deformed carbonate reservoirs.

17 20 – 17 40 Igor Karpov

A.A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Sedimentary environments characterization of Yu2 horizon through a modern complex of well logs in central regions of West Siberia basin.

Discussion 17 40 – 18 00

12 June 2012
Main Conference Hall

TECTONICS AND GEODYNAMICS

Chairman: Dmitry Metelkin (IPGG SB RAS, Novosibirsk, Russia)
Secretary: Irina Zabelina (IPGG SB RAS, Novosibirsk, Russia)

9:00 – 9 20 Dmitry Metelkin

A.A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Introduction

9 20 – 9 40 Elena Nitkina

Geological Institute, Kola Science Center RAS, Apatity, Russia
Geochronological evidence of the Early Archaean events in the TTGIngozero block, Kola Peninsula

9 40 – 10 00 Dorjsuren Otgonbaatar^{1,2}, M. Buslov², O. Tomurtogoo³, D. Tomurhuu³

¹*Novosibirsk State University, Novosibirsk, Russia*

²*V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia*

³*Institute of Geology and Mineral Resources, Mongolian Academy of Sciences, Ulaanbaata, Mongolia*

Evolution of Zamiin-Udd accretion-collisional zone in D₂-C₂: accreted model of South Gobi microcontinent to active margin of Siberian continent, SE Mongolia

10 00 – 10 20 Stepan Ustinov, V. Petrov, V. Poluektov

The Institute of Geology of Ore Deposits, Petrography, Mineralogy, and Geochemistry, Russian Academy of Sciences (IGEM RAS), Moscow, Russia

Fluid inclusion planes as tectonic and ore formation indicators: an example the Antei uranium deposit (SE Transbaikalia)

10 20 – 10 40 coffee break

10 40 – 11 00 Taufeeq Dhansay

Nelson Mandela Metropolitan University, Port Elizabeth, South Africa

Heat Flow and Geodynamics of the Kaapvaal Craton and its implications on the potential of Enhanced Geothermal Energy in South Africa

11 00 – 11 20 Kamleshwar Ratre¹, T. Biswal¹, B. De Walae²

¹*Indian Institute of Technology Bombay, Mumbai, India*

²*SRK Consulting (Australasia) Pty Ltd. West Perth, Australia*

Geochronology and Geochemistry of the Lakhna dykes swarm of the eastern Bastar Craton, Central India and its Implication on tectonics setting

11 20 – 11 40 Alexander Minakov¹, Yu. Podladchikov², J. Faleide³

¹*University of Bergen, Bergen, Norway*

²*University of Lausanne, Lausanne, Switzerland*

³*University of Oslo, Oslo, Norway*

Enigma of microcontinent formation

11 40 – 12 00 A. Azizi¹**Hatam Quanbari**²

¹*Islamic Azad University, Aligudarz branch, Aligudarz, Iran*

²*Islamic Azad University, Fars, Iran.*

Structural and microstructural investigation of Hoz Valley shear zone: with emphasis on preferred orientation of quartz c-axis fabric, NW Zagros (Iran)

Discussion 12 00 – 13 00

12 June 2012
Geophysical Conference Hall

Morning Session
GEOPHYSICS

Chairman: Yuriy Antonov (IPGG, Novosibirsk, Russia)
Secretary: Marina Drebuschak (IPGG, Novosibirsk, Russia)

9 00 – 9 40 Yuriy Antonov

A. A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Logging from terrigenous rocks interval

9 40 – 10 00 Alexey Gorbatenko

A. A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Corrections of High Frequency Induction Isoparametric Wireline Logging Tool (VIKIZ) data in high deviated wells filled with conductive muds

10 00 – 10 20 Yuriy Ivanov

A. A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Numerical modeling of EM logging signals in sand-shale reservoir using clay distribution models for study of low-resistivity oil reservoirs

10 20 – 10 40 Igor Mikhaylov

A. A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Fluid dynamics in collectors by using VIKIZ technique

10 40 – 11 00 coffee break

11 00 – 11 20 Alexey Levshakov

A. A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Lithofacial interpretation of well-logging data in the interval of terrigenous deposits of the J2 horizon

11 20 – 11 40 Vitaliy Arzhantsev

A. A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Lateral Log signals in deviated and horizontal wells (based on numerical modeling data)

11 40 – 12 00 Fedor Vologdin

A. A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Development of algorithms and software for the quantitative interpretation of electrical logging archival data.

12 00 – 12 20 Anton Sinev

Baker Hughes Incorporated

Using the attenuation of the borehole radial oscillations to estimate the formation permeability in the presence of mudcake

12 20 – 12 40 Marina Drebuschak

A. A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Decomposition of acquisition curves of isothermal remanent magnetization.

12 40 – 13 00 Alexandr Shein, E.Yu. Antonov, I.A. Kremer, M.I. Ivanov

A. A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Interpretation TEM-data by the program “Modem3D” for 3D modeling of transient electromagnetic field

13 00 – 13 20 Pavel Seroglazov

Institute of Automation and Electrometry SB RAS
Field absolute gravimeter for high-accuracy measurement of free fall acceleration

Discussion 13 20 – 14 00

Lunch 14 00 – 15 00

Evening Session
GEOPHYSICS

Chairman: Ivan Kulakov (IPGG, Novosibirsk, Russia)
Secretary: Aydisa Sanchaa (IPGG, Novosibirsk, Russia)

15 00 – 15 40 Ivan Kulakov

A. A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Seismic tomography for studying the volcanoes

15 40 – 16 00 Anna Skorkina

Perm State National Research University, Perm, Russia
The Near-Surface Attenuation for Regional Seismic Network of Perm Region

16 00 – 16 20 Konstantin Fedin

A. A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
The selection standing waves of microseismic field according to the physical modeling

16 20 – 16 40 Sergey Yaskevich

Novosibirsk State University, Novosibirsk, Russia
The microseismic data inversion for events location and anisotropic parameters estimation.

16 40 – 17 00 coffee break

17 00 – 17 20 Ekaterina Kukarina, I. Koulakov, S. Prajapati

A. A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Seismic Tomography Study of the Deccan Traps in Gujarat, India

17 20 – 17 40 Maria Shishkina, I. Fokin, S. Akopova

Lomonosov Moscow State University, Moscow, Russia
Numerical investigations on physical limits of resolution of travel time seismic tomography

17 40 – 18 00 Dmitriy Mednykh, E. Mashinskii, N. Golikov

A. A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia

Acoustic wave attenuation in heterogeneous sandstone samples: the base for the saturation diagnostics

18 00 – 18 20 Isiaka Ahmed Ibrahim, I. Osazuwa

Ahmadu Bello University Zaria, Nigeria

Shallow subsurface investigation using 2-D seismic refraction tomography

18 20 – 18 40 Ankur Mundhra

Indian School of Mines, Dhanbad, India

Comparative analysis of various seismic refraction interpretation techniques over granitic bedrock

18 40 – 19 00 B. Waleed Eid Olimat

Jordan Seismological Observatory (JSO)

Natural Resources Authority (NRA)

Determine Site Effect of Zarqa City and Hashemite University Campus Based on Microtremors Field Measurements: A microzonation Study

Discussion 19 00 – 19 30

12 June 2012
Conference Room 413

Morning Session
PALEONTOLOGY AND STRATIGRAPHY

Chairman: Dmitriy Grazhdankin (IPGG, Novosibirsk, Russia)
Secretary: Vasily Marusin (IPGG, Novosibirsk, Russia)

9 00 – 9 40 Dmitriy Grazhdankin

A.A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Forbidden fruits in the Garden of Ediacara

9 40 – 10 00 Alexander Liu¹, M. Brasier², O. Bogolepova³, E. Raevskaya⁴, A. Gubanov³

¹*Department of Earth Sciences, University of Cambridge, Cambridge, United Kingdom*

²*Department of Earth Sciences, University of Oxford, Oxford, United Kingdom*

³*CASP, Cambridge, United Kingdom*

⁴*Geologorazvedka, St. Petersburg, Russia*

A newly discovered Ediacara biota containing Arkarua-like fossils from the Irkineeva Uplift, East Siberia

10 00 – 10 20 N. Novozhilova, Alisa Ponomarenko

A.A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Lower Cambrian Small Shelly Fossils and biostratigraphy of Northeastern Siberian Platform (Chekurovka anticline)

10 20 – 10 40 Adeline Kerner

Museum National D'Histoire Naturelle, Paris, France
Archaeocyatha: from synthetic works to knowledge base

10 40 – 11 00 coffee break

11 00 – 11 20 Raliya Khabibulina

A.A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Tabulate corals from Lower Silurian of the north-western Gorny Altai

11 20 – 11 40 Elena Bukolova

A.A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
The graptolite *Expansograptus hirundo* zone in the Gorny Altai sections

11 40 – 12 00 Rezeda Tagarieva

Institute of geology of the Ufimian scientific centre RAS, Ufa, Russia
Stratigraphic gaps in the Frasnian-Famennian boundary in the Southern Urals

12 00 – 12 20 Ivan Skoritsky, N. Izokh

A.A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Radiation of the Middle Devonian conodonts in NE Salair (south of West Siberia)

12 20 – 12 40 Ekaterina Andreeva

A.A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Biodiversity of the Upper Famennian conodonts from Kuznetsk Basin

12 40 – 13 00 Ali Bahramali

Geological Survey of Eastern Iran, Payamenoor University, Tehran, Iran
New method of investigation of bentic Foraminifera assembly on Paleocene - Eocene in north Schousf (Nehbandan), east of Iran

Discussion 13 00 – 14 00

Lunch 14 00 – 15 00

12 June 2012
Conference Room 413

Evening Session
EVOLUTION OF SEDIMENTARY BASINS

Chairman: Dmitriy Grazhdankin (IPGG, Novosibirsk, Russia)
Secretary: Irina Vishnevskaya (IGM SB RAS)

15 00 - 15 20 Anton Maltsev, G. Leonova, A. Bogush, V. Bobrov

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia
Features of chemical element distribution in pore waters and sapropel in the Dukhovoe Lake as reflection of the processes of freshwater diagenesis

15 20 – 15 40 Haque AKM Eahsanul, I. Aminul, D. Bill, A. Mustafa

Weatherford Products & Equipment (Singapore) Pte. Ltd., Singapore
Dept of Petroleum Geoscience, Universiti Brunei Darussalam, Brunei Muara, Brunei.
Dept. of Geology, University of Dhaka, Bangladesh
Eocene-Miocene Stratigraphy of Surma Trough: A Sequence Stratigraphic Approach

15 40 – 16 00 Artem Proshenkin

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia
Source areas for neoproterozoic sediments of oseloc formation, Sayanian Birusa: geochemical and isotopic evidences

16 00 – 16 20 Natalya Pisareva

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia
Geochemical features of the Vendian-Cambrian carbonate deposits of Olenek uplift (Arctic, Russia)

16 20 – 16 40 Irina Vishnevskaya

V.S. Sobolev Institute of geology and mineralogy SB RAS, Novosibirsk, Russia
Vendian not synchronous carbonate sedimentation in Paleasian ocean

Discussion 16 40 – 17 30

13 June 2012
Main Conference Hall

IGNEOUS PETROLOGY AND MINERALOGY

Chairman: Andrey E. Izokh (IGM, Novosibirsk)
Secretary: Andrey V. Vishnevsky (IGM, Novosibirsk)

9 00-9 40 Andrey Izokh

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia
Plenary lecture: Magmatism of Northern Vietnam

9 40-10 00 Tatiana Kalashnikova

A.P. Vinogradov Institute of Geochemistry, SB RAS, Irkutsk, Russia
P-T parameters of lithosphere mantle beneath Siberian craton: evidence by kimberlite pipe Obnajennaya

10 00-10 20 Evgeniya Surgutanova

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia
Geochemistry of WR and minerals of deformed peridotites from Udachnaya-East kimberlite pipe

10 20-10 40 Yuriy Bedyuk

A.P. Vinogradov Institute of Geochemistry SB RAS, Irkutsk, Russia
Chemical variations of chromium spinel from differentiated ultrabasic bodies, Eastern Sayan Mountains

10 40-11 00 Reza Maghdour-Mashhour, M. Heidari, D. Esmaily

Faculty of Geology, College of Science, University of Tehran, Iran
Serpentinised peridotites from Sikhoran mafic-ultramafic complex (Southern Iran): Petrological and geochemical constraints on serpentinization processes and tectonic setting

11 00-11 20 coffee break

11 20-11 40 Fatemeh Sarjoughian, A. Kananian, J. Ahmadian

School of Geology, College of Science, University of Tehran, Iran
Some geochemical and petrological aspect of Eocene arc-magmatism along the eastern margin of Central Iran

11 40-12 00 Ekaterina Kurganskaya, I. Safonova, V. Simonov

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia
Petrogenesis of island-arc volcanic rocks from the Char suture-shear zone (East Kazakhstan)

12 00-12 20 Vartan Simmonds

Research Institute for Fundamental Sciences, Tabriz University, Tabriz, Iran
Adakitic signature of quartz monzonitic porphyry stock and related cross-cutting dikes at Kighal, NW Iran

12 20-12 40 Anas Karimov

A.P. Vinogradov Institute of Geochemistry SB RAS, Irkutsk, Russia
Geochemical and petrological characteristics of volcanic rocks of Bayangol accretionary prism, Northern Mongolia

12 40-13 00 Irina Avdonina, S. Pribavkin

A.N. Zavarizky Institute of Geology and Geochemistry, RAS, Ural Branch, Ekaterinburg, Russia
Sulfur-enriched apatite and magmatic anhydrite in the epidote-bearing subvolcanic rocks, the Middle Urals, Russia

Lunch 13 00 – 14 00

14 00 – 14 20 Elena Rokosova, Yu. Vasil'ev

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia
Silicate-carbonate inclusions in clinopyroxenes of shonkinites, Inagli massif (Aldan Shield, Russia)

14 20 – 14 40 Aleksandra Nikolaeva

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia
The first discovery of combeite and pectolite in kamafugitic rocks of Central Italy

14 40 – 15 00 Tsegmed Zolboo, A. Perepelov, S. Tatarnikov, V. Antipin, S. Kanakin

A.P. Vinogradov Institute of Geochemistry SB RAS, Irkutsk, Russia
Mineralogy and Geochemistry of the Bitu-Dzhida multiphase intruded massif of Li-F rare-metal granites (Northern Mongolia)

15 00 – 15 20 Ekaterina Sokolova, S. Smirnov, S. Khromykh

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia
Composition and crystallization conditions of rare-metal dyke rocks in Eastern Kazakhstan

15 20 – 15 40 D. Esmaily, R. Maghdour-Mashhour

Faculty of Geology, College of Science, University of Tehran, Iran
Amphibole chemistry of quartzdiorites from Boroujerd granitoid complex (Western Iran)

16 40 – 16 00 coffee break

16 00 – 16 20 Gennadiy Kallistov

A.N. Zavarizky Institute of Geology and Geochemistry UB RAS, Ekaterinburg, Russia Chelyabinsky granitoid pluton: the formation phases and the source of magmagenation (South Urals, Russia)

16 20 – 16 40 Mehran Advay

Islamic Azad University- Ahar Branch, Tabriz, Iran
U-Pb age and whole rock geochemistry of Herra A-type granitoid, NW Iran

16 40 – 17 00 Pavel Kotler

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia
New data about age of granitoids of Kalba-Narym polychronal batholith

Discussion 17 00 – 17 40

13 June 2012
Conference Room 413

Evening Session
**ECONOMIC ESTIMATION AND PETROLEUM
EXPLORATION AND DEVELOPMENT**

Chairman: Nicholay P. Zapivalov (IPGG, Novosibirsk, Russia)
Secretary: Catherine Surikova (IPGG, Novosibirsk, Russia)

15 00 – 15 20 Nikita Kayurov

A.A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Potentially productive zones of lower Jurassic deposits of Surgut and Nizhnevartovsk highs.

15 20 – 15 40 Alexandra Mishina, A. Nagiev, M. Ovchinikov

Tyumen State Oil and Gas University, Tyumen, Russia
Development of fall of testing.

15 40 – 16 00 Mariya Pirieva, S. Romashkin, N. Burmistrov.

Tyumen State Oil and Gas University, Tyumen, Russia
Pressure distribution in a layer at inflow of gas taking into account change of factor of compressibility of gas.

16 00 – 16 20 Evgeniya Podkorytova S. Skorikov, A. Smovge

Tyumen State Oil and Gas University, Tyumen, Russia
Influence of the linear filtration law breach on the gas-liquid mixtures influx into the well.

16 20 – 16 40 coffee break

16 40 – 17 00 Natalya Kim, A. Rodchenko

A.A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Hopanes in bitumen extracts of Mesozoic deposits of the Yenisei-Khatanga trough, Russia.

17 00 – 17 20 Alexandra Rodchenko

Novosibirsk State University, Novosibirsk, Russia
Biomarkers in organic matter of Jurassic deposits in the western part of the Yenisei-Khatanga regional trough, Russia.

17 20 – 17 40 Andrey Yatsuk, A. Gresov

V.I. Il'ichev Pacific Institute of Oceanology FEB RAS, Vladivostok, Russia
Gas Geochemical Evaluation of the Petroleum Potential of the Birofeld Graben of the Middle Amur Sedimentary Basin (Russian Far East).

Discussion 17 40 – 18 30

13 June 2012
Conference Room 332

ENVIRONMENTAL GEOSCIENCES

Co-Chairman: Vera Strakhovenko (IGM, Novosibirsk, Russia)
Co-Chairman: Anna Sukhorukova (IPGG, Novosibirsk, Russia)
Secretary: Alexey Chuguevsky (IGM, Novosibirsk, Russia)

9 00 – 9 40 Vera Strakhovenko

V.S. Sobolev Institute of geology and mineralogy SB RAS, Novosibirsk, Russia
Radioactive elements in soil of Siberia (Russia)

9 40 – 10 00 Aleksey Edelev

A.A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Predictive methods for assessment of the chemical composition of drainage from sulfide mine waste

10 00 – 10 20 Yulia Vosel

V.S. Sobolev Institute of geology and mineralogy SB RAS, Novosibirsk, Russia
Geochemistry of uranium in organic sediments of small lakes in the Baikal region

10 20 – 10 40 Alexey Sharnin

A.A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
A simulation model of the stochastic lateral migration of the primary hydrocarbon

10 40 – 11 00 coffee break

11 00 – 11 20 Hesam Ahmady Birgani, S. Feiznia, H. Mirnejad, N. Charehsaz

University of Tehran, Tehran, Iran

Survey of Aeolian airborne dust over Iran from the point of view Geochemistry and Mineralogy (case study: Western Iran and North of Persian Gulf and Sea of Mokran)

11 20 – 11 40 Gani Mavlyanov, V. Hodjaev

National University of Uzbekistan, Tashkent, Uzbekistan

Investigation of influence "supergumusa" on migration nitrate in the profile of the aeration zone

11 40 – 12 00 Pavel Kotov, M. Tsarapov

Moscow State University, Moscow, Russia

Dependence of Vankor oilfield soils deformation characteristics on their physical properties

12 00 – 12 20 Pavel Sholokhov

Institute of the Earth's crust, Irkutsk, Russia

Hydrogeological environment in the agglomeration area of Irkutsk

12 20 – 12 40 Natalia Lashina

Moscow State University, Moscow, Russia

Scientific basis of engineering geocryological monitoring for gas pipeline "Bovanenkovo-Ukhta"

Discussion 12 40 – 14 00

Lunch 14 00 – 15 00

15 00 – 15 20 Mikhail Zaborin

Donetsk national technical university, Donetsk, Ukraine

The influence of coal-bearing series geodynamical zones on forming geocological situation during mine abandonment

15 20 – 15 40 Tahernia Nadia

Department of Physics, Parand Branch, Islamic Azad University, Parand, Iran

Seismic hazard analysis for Tehran region)

15 40 – 16 00 V. Kaz, Vladimir Roldugin

“Altay-Geo”, Gorno-Altaysk, Russia

Dynamics of the ecological state on protected areas of a mountain-climatic Sanatorium Chermal in Republic Altai

16 00 – 16 20 Irina Semenova

Institute of Geology of Ore Deposits, Petrography, Mineralogy, and Geochemistry, Moscow, Russia

Stream water pollution by heavy metals around the Unalsky tailing pond

16 20 – 16 40 coffee break

16 40 – 17 00 Aleksandra Deregowska

University of Natural Resources and Life Sciences, Vienna

The influence of clay minerals on slope stability in landslides areas of the Polish Flysch Zone

17 00 – 17 20 Anna Sizikova

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia

Grain-size record of the Late Pleistocene loess deposits in south of West Siberia

17 20 – 17 40 Tatyana Vygranenko

A.A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia

Novosibirsk State University, Novosibirsk, Russia

Structure of the upper part of subaeral cover of Biya-Chumysh plateau

Discussion 17 40 – 18 30

13 June 2012
Mineralogical Conference Hall

Morning Session

EXPERIMENTAL MINERALOGY AND CRYSTAL GROWTH

Chairman: Yurii Palyanov (IGM, Novosibirsk, Russia)

Secretary: Konstantin Kokh (IGM, Novosibirsk, Russia)

9 00 – 9 40 Konstantin Litasov

V.S. Sobolev Institute of Geology and Mineralogy RAS, Novosibirsk, Russia

Synchrotron radiation in the study of Earth's deep interior: A review of recent achievements.

9 40 – 10 00 Vymazalova Anna

Czech Geological Survey, Praha, Czech Republic

Experimental study of silver-palladium selenides

10 00 – 10 20 Shtenberg Mihail

Institute of Mineralogy, Miass, Russia

Micro-FTIR study of quartz crystals from Zhelannoye deposit, Subpolar Ural

10 20 – 10 40 Gavryushkin Pavel

V.S. Sobolev Institute of Geology and Mineralogy RAS, Novosibirsk, Russia

Growth, morphology and optical properties of γ -BiB₃O₆ single crystals

10 40 – 11 00 coffee break

11 00 – 11 20 Svetlyakova Tatyana

V.S. Sobolev Institute of Geology and Mineralogy RAS, Novosibirsk, Russia

Investigation and crystallization of NaBaM(BO₃)₂ new family compounds (M = Sc, Y, Yb, Dy)

11 20 – 11 40 Nechaev Denis

V.S. Sobolev Institute of Geology and Mineralogy RAS, Novosibirsk, Russia

Syngenetic graphite inclusions in diamond, forsterite and orthopyroxene: Experimental data

11 40 – 12 00 Yudin Denis

V.S. Sobolev Institute of Geology and Mineralogy RAS, Novosibirsk, Russia

Experimental studies of the argon behavior in the biotite structure at high temperatures and pressures: first results

12 20 – 12 40 Rashchenko Sergey

Novosibirsk State University, Novosibirsk, Russia

Crystallization processes in zeolitic rock mixed with NaOH

Discussion 12 40 – 14 00

Evening Session
MINERALOGY
Chairman: Sergey Smirnov
Secretary: Sergey Skuzovatov

15 00 – 15 20 Sergey Smirnov

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia

Late magmatic crystallization in granitic pegmatites as an example of magmatic-hydrothermal transition in felsic magmatic systems

15 20 – 15 40 Taisia Alifirova, L. Pokhilenko

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia

Sulfide exsolution assemblages in mantle xenoliths from Yakutian kimberlites

15 40 – 16 00 Elena Schukina, N. Golovin, N. Pokhilenko

V.S. Sobolev Institute of Geology and Mineralogy RAS, Novosibirsk, Russia

Mineralogical and geochemical composition of eclogites from V. Grib kimberlite pipe (Arkhangelsk region, Russia)

16 00 – 16 20 Dmitry Rezvukhin

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia

Oxide mineral inclusions in pyropes from the Internationalnaya kimberlite pipe, Yakutia

16 20 – 16 40 Evgeny Nikolenko, S. Lobanov

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia

Mn-rich E-type garnets from Carnian stage (T3) conglomerates of the Lena river delta

16 40 – 17 00 coffee break

17 00 – 17 20 Sergey Skuzovatov

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia

Zonal and sectorial diamonds from some of Yakutian kimberlite pipes

17 20 – 17 40 Olga Ermolina

Institute of Mineralogy UB RAS, Miass, Russia

Gold-bearing ore mineral association of Piilola occurrence (Kuhmo greenstone belt, eastern Finland)

17 40 – 18 00 Anatoly Zhuravlev, A. Okrugin

Diamond and Precious Metal Geology Institute, Yakutsk, Russia

Native gold from alluvial deposits in the mid-Amga river

Discussion 18 00 – 18 30

13 June 2012
Tairus Conference Room

GEOINFORMATION SYSTEMS IN THE EARTH SCIENCES

Chairman: Nikolay Dobretsov.
Secretary: Nadezhda Glushkova

9 00 – 9 40 Nikolay Dobretsov

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia
Earth Remote Sensing in Geology

9 40 – 10 00 Anna Bochneva

Institute of Geology of Ore Deposits, Petrography, Mineralogy and Geochemistry of Russian Academy of Science, Moscow, Russia
Creation of Database of typomorphic-mineralogical properties of TI-ZR placer minerals (DB TMP TZPM)

10 00 – 10 20 Romain Desport

University of Bordeaux, Bordeaux, France
Creation and information of a GIS “Ground Movements” atlas in the Lot-and-Garonne region (France)

10 20 – 10 40 Daria Chupina

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia
The method of geoinformation-mapping morfokomplexes on a basis of the morphometric parameters and supervised classifications (for example, the typical areas of south-western Siberia)

10 40 – 11 00 coffee break

11 00 – 11 20 Nadezhda Glushkova

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia
GIS-analysis of Novosibirsk's Academytown forests antropogenic transformation (on the base of geological and geobotanical investigations)

11 20 – 11 40 Dmitriy Samdanov

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia
Structural-geomorphological zoning of Yakutian diamond province central part using GIS

11 40 – 12 00 Ali Shakir

Indian institute of technology, Bombay, India
Groundwater mapping of Ramganga watershed: a remote sensing and GIS approach

Discussion 12 00 – 13 00

Poster Session

Marina Adamenko

Kuzbass state pedagogical academy, Novokuznetsk, Russia

Glacial landscape of Tigertysh mountain junction (south part of Kuznetsk Alatau mountains)

Igor Afonin

Tomsk State University, Tomsk, Russia

Geochemical heterogeneity of the Aptian-Cenomanian sediments of Western Siberia on the example of the Pokurskaya suite of the south Varieganskian bar

Sergey Aksenov, R.K. Rastsvetaeva, N.V. Chukanov

Shubnikov Institute of Crystallography, Moscow, Russia

New data on the crystal structure of metavivianite, $\text{Fe}^{2+}(\text{Fe}^{3+})_2(\text{PO}_4)_2(\text{OH})_2 \cdot 6\text{H}_2\text{O}$

Evgenia Asochakova

Tomsk State University, Tomsk, Russia

Mineral inclusions of iron ores of the Bakchar deposit (Western Siberia)

Ekaterina Bazarova, Yu.N. Markova

Institute of the Earth crust, Irkutsk, Russia

Redistribution of petrogenic elements under spelolithogenesis in Okhotnichiya cave (Baikal region, Irkutsk oblast)

Soheyla Beygi, A. Nadimi, H. Safaei, A.Farzipour

University of Isfahan, Isfahan, Iran

Active Horsetail Splay Structure in the Cenozoic Magmatic arc of Iran

Nadezhda Dugarova

Tomsk State University, Tomsk, Russia

Geochemical heterogeneity of ophiolites from the Severnaya, Zelenaya and Barkhatnaya mountains (Kuznetsky Alatau)

Ali Farzipoursaein, S. Beygi, Z. TajmirRiahi, M. Vatandust

University of Isfahan, Isfahan, Iran

Mechanical stratigraphy of the Cretaceous limestone in Isfahan region, Iran

Ali Farzipoursaein, S. Beygi, Z. TajmirRiahi, M. Vatandust

University of Isfahan, Isfahan, Iran

The tectonic control on Cretaceous sedimentary basin in Isfahan region, Iran

Nabatian Ghasem

Tarbiat Modares University, Iran

A Kiruna type iron oxide-apatite deposit, NW Iran: Stable isotope and fluid inclusion evidence

Maryam Honarmand, N.R. Omran

Department of Geology, Tarbiat Modares University, Tehran, Iran

Petrology and geochemistry of the Alut granitoid complex, Sanandaj-Sirjan Zone, NW Iran

Ekaterina Kaigorodova

Institute of Geology of Ore Deposits, Petrography, Mineralogy, and Geochemistry RAS, Moscow, Russia
Comparison of the epithermal gold deposits in the Mesozoic tectonic and magmatic activation zones of Transbaikalia and North Caucasus (as example Baley and Radujnoe deposits).

Alireza Kamali, A.Nadimi, A.Farzipour

University of Isfahan, Isfahan, Iran

Navab anticline: a contractional structures in the transpressive bend of Qom-Zefreh fault zone, west of central Iran

Svetlana Kokh

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia

Mineralogy of the combustion metamorphic rocks from the Dashgil mud volcano, Azerbaijan

Maria Kolesnikova

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia

The position of the antimony mineralization in the ore-forming process at the Suzdal gold deposit (Eastern Kazakhstan)

Marina Kolpakova

National Research Tomsk Polytechnic University, Tomsk, Russia

Placement of different geochemical types of lakes in Western Mongolia

Sophia Korzhova

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia

Age and causes of natural coal fires in the Kuznetsk coal basin

Inna Kozhevnyh and Petr Sobolev

Siberian Research Institute of Geology, Geophysics & Mineral Resources, Novosibirsk, Russia

Neoproterozoic source rocks of the Cis-Patom Foredeep oil and gas sources in the south-eastern Siberian Platform.

Konstantin Kramchanin, V.V. Anokhin, A.A. Ogorodny

V.I.II`ichev Pacific Oceanological Institute FEB RAS, Vladivostok, Russia

Material composition of the Late Permian granite-rhyolitic formation of islands of Peter the Great bay (Sea of Japan)

Alexander Kravchenko

Diamond and Precious Metal Geology Institute SB RAS, Yakutsk, Russia

Identification of the primary nature of granulite complexes with the use of geochemical tendencies of sedimentary and igneous differentiation

Alina Kuptsova

Saint-Petersburg State University, St. Petersburg, Russia

Geology, tectonics and evolution of Pasha-Ladoga and East-Anabar uraniumiferous basins

Elena Lazareva, A.A. Bobkov

Saint-Petersburg State University, St. Petersburg, Russia

Geomorphologic structure of salty lakes region (The Ambarnaya Inlet, Varanger fjord, south-western part of the Barents Sea)

Nikolay Matushkin

A.A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia
Tectonic patterns of the Yenisey Ridge: a review and kinematic data from major faults

Anastasiya Mikhno

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia
Investigation of polyphase and fluid inclusions in clinopyroxene from diamond-grade calc-silicate rocks of Kokchetav Massif (Northern Kazakhstan)

Irina Myagkaya, E.V. Lazareva, S.B. Zayakina, S.M. Zhmodik

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia
Speciation of gold in peat polluted by acid main drainage of Ursk tailing pit (Ursk, Kemerovo region, Russia)

Olga Naymushina

National Research Tomsk Polytechnic University, Tomsk, Russia
Chemical composition of natural waters on the atomic power station building site (Tomsk region, Russia)

Svetlana Novikova

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia
Influence of natural fulvic acid on solubility of sulfide ores (experimental investigation)

Tatiana Oiceva, Alexandra Frolova, Zinaida Chernenko

D. Serikbaev East-Kazakhstan State Technical University, Ust-Kamenogorsk, Kazakhstan
The method of forecasting and search gold deposits of East Kazakhstan

Alina Pavlovskaya

Tomsk State University, Tomsk, Russia
Clay minerals of Rubtsovsk deposit

Yuri Redin

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia
On the formation assignment of the Lugokan deposit (Eastern Transbaikalia)

Ramin Samadi, N. Shirdashtzadeh

Department of Geology, Science and Research Branch, Islamic Azad University, Tehran, Iran
Occurrence of I-type granitoid in the Paleo-Tethys ophiolite and associated metaflysch (Mashhad, NE Iran)

Mahdi Shadan*, Hosseini-BarziMahboubeh**

**Corporation of Engineering, ZaminRizkavan, Tehran, Iran*
***ShahidBeheshti University, Tehran, Iran*
Plate-Tectonic Setting of Ab-e-Haji Sandstones, Tabas Block, Central Iran

Behafarin Shojaei, Farbod Faraji, Alikhan Nasr Esfahani, Mohamad Hashem Emami

Department of Geology, Islamic Azad University, Khorasgan Branch, Isfahan, Iran
Estimation of oxygen fugacity according to amphibole chemical composition in Vash granitoid, NW Natanz (Esfahan, Iran)

Dmithuby Sitenkov

Lomonosov Moscow State University, Moscow, Russia

Giant slump structure in Gulf of Guinea according 3D seismic

Arash Sohrabi*, A. Nadimi, M. Hajhashemi*****

**ZaminPajuhanKuhestan Geological Institute, Isfahan, Iran*

***University of Isfahan, Isfahan, Iran*

****Islamic Azad University, Dolatabad Branch, Isfahan, Iran*

Chah-e Deev : a model of sinkholes development in center of Iranian Plate

Fariba Taheri, A. Zamani

Shiraz University, Shiraz, Iran

Estimate earthquake risk to the Takht e Jamshid historical site (NE Shiraz, Fars, Iran)

Natalia Ulyasheva

Institute of Geology of Komi Scientific Center of UB RAS, Syktyvkar, Russia

Polymetamorphism of Precambrian rocks of the north of Urals

Lena Urmantseva

V.S. Sobolev Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia

Geochemical characteristics and formation conditions of bimodal series volcanites of Dzabkhan microcontinent

Vitali Yakovlev, A.D. Pavlushin

Diamond and Precious Metal Geology Institute, Yakutsk, Russia

Defect-impurity composition of diamonds from the Carnic deposits from North-east of Siberian plate

Irina Zabelina*, I. Koulakov*, Sh. Adamia, I. Amanatashvili*****

**A.A. Trofimuk Institute of Petroleum Geology and Geophysics, SB RAS, Novosibirsk, Russia*

***Ilia State University*

****I.Javakhishvili Tbilisi State University, M.Nodia Institute of Geophysics*

Tectonics, Deep-Seated Structure and Recent Geodynamics of the Caucasus