

**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**

Second Circular



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
<ul style="list-style-type: none"> •Diamonds •Geodynamics and tectonics •Magmatism and metallogeny •Paleomagnetism - a method of geodynamic reconstructions •Seismology •Petroleum sciences •Crystal growth •GIS 	<p>Opening Ceremony</p> <p>Oral presentations Poster presentations</p>	<p>Oral presentations Poster presentations</p>	<p>Oral presentations Poster presentations</p>	<p>Oral presentations Poster presentations</p> <p>Closing Ceremony</p>	<ul style="list-style-type: none"> • Geodynamics, magmatism and stratigraphy of Gorny Altai • Mineralogy and Metallogeny of the Northwestern Altai

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

Sessions will be organized focusing on the following main topics:

- Experimental mineralogy and crystal growth
- Mineralogy
- Igneous petrology and mineralogy
- Metamorphic petrology and mineralogy
- Minerals and ore deposits
- Tectonics and geodynamics
- Geomorphology and neotectonics
- Paleontology and stratigraphy
- Evolution of sedimentary basins
- Paleocology and paleoclimatology
- Petroleum sciences
- Geophysical well logging
- Seismology
- Electromagnetic methods
- Applied geology and geophysics
- Geoinformation systems in the Earth sciences
- Environmental geosciences

The technical sessions will be held in Novosibirsk (IGM SB RAS, IPGG SB RAS, NSU) on 11-14 June 2012.

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. Poster presentations are welcomed.

Undergraduates, Ph.D. students and early career scientists are welcome to participate in the conference.

ORGANIZING COMMITTEE

Co-chairmen

Dr. Nikolay P. Pokhilenko, RAS Corresponding Member, director of IGM SB RAS

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

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

Conference Secretariat

Dr. Olga P. Izokh (IGM SB RAS)

Dr. Irina G. Tretiakova (IGM SB RAS)

Vasily V. Marusin (IPGG SB RAS)

Technical manager

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CORRESPONDENCE

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IMPORTANT DATES

1 February 2012 – registration and abstract submission deadline

1 March 2012 – information about accepted abstracts

April 2012 – 3rd circular

9-23 June 2012 – the 6th International Siberian Early Career GeoScientists Conference

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.

REGISTRATION AND ABSTRACT SUBMISSION

Registration is now available via the conference website (<http://sibconf.igm.nsc.ru/>). Abstracts must correspond to the template form that can be downloaded from the website. Deadline for personal data and abstract submission is 1 February 2012.

FINANCIAL SUPPORT

Depending on corporate contributions, which are being sought, there is a possibility of making some funds available for students to participate in the conference. A limited number of student grants should be available. A specific application form will be provided on the website. Only students with accepted abstracts of oral presentations will be eligible to apply. Student grants will be awarded based on financial need and scientific relevance of the submitted presentation.

EXHIBITION AND SPONSORSHIP OPPORTUNITIES

The 6th International Siberian Conference provides a unique opportunity to distribute information about your company among the early career researchers from different regions of the world. The Exhibition will be held during the Conference and will be located at the Institute Hall. Also, it is possible to place information into the participant packages. If you are interested in exhibiting or sponsorship in the 6th International Siberian Early Career GeoScientists Conference you are advised to contact us as soon as possible. Contact person – Irina Tretiakova (iritret@gmail.com).

ACCOMMODATION

Accommodation during the conference will be available in the University Hostel and the Gold Valley Hotel, both located in the Academgorodok.

Preliminary prices for the accommodation in the Academgorodok (1 person per night):

Hotel	Single	Double/Twin	Apartments
Gold Valley Hotel http://gold-valley.ru/	650 RUB (or 800 RUB including breakfast)	550 RUB (or 700 RUB including breakfast)	3600 RUB (including breakfast)
University Hostel	--	550 RUB	--

COSTS

Meals (in Academgorodok) average 500 RUB (per day)

Current exchange rates of the Russian Ruble (RUB) can be found at the Bank of Russia webpage <http://cbr.ru/eng/daily.aspx>

TRAVEL AND VISA INFORMATION

Citizens of many countries will need an official Government Stamp Invitation document to be submitted together with a visa application form. The Organizing Committee requires six weeks for the preparation of the Invitation documents. Thus, overseas participants must provide the Organizing Committee, not later than 1 February 2012, with the following additional information: (1) faxed or scanned copy of the first page of their passport (including full name, date and place of birth, passport number, place of issue, and expiry date); (2) country and region of residence; (3) home and office addresses; (4) affiliation and position; (5) degree; and (6) information on any previous visits to Russia.

The Invitation documents will be sent by mail only after the abstract is submitted and accepted by scientific committee.

MEDICAL CARE

All foreign participants are required to carry international health insurance for the duration of their visit. Participants may consult a travel agency for advice on purchasing insurance. There are medical facilities in Novosibirsk, and first aid in Gorno-Altai and Rubtsovsk. Participants should bring necessary medications.



**TRAINING SESSIONS
PRELIMINARY SCHEDULE
9-10 June, 2012**

Diamonds

Title	Lecturer
Mantle and diamonds: mineral inclusions and their petrological significance.	Academician of RAS Dr. Nikolay V. Sobolev
Types of diamond deposits.	Corresponding member of the RAS Dr. Nikolay P. Pokhilenko
Title to be confirmed	Corresponding member of the RAS Dr. Vladislav S. Shatsky

Geodynamics and tectonics

Title	Lecturer
The cycle of juvenile carbon	Academician of RAS Dr. Nikolay L. Dobretsov,
Mesozoic and Cenozoic tectonics and geodynamics of Asia	Dr. Mikhail M. Buslov

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
Shear zone of Red river (Ailao-Shan, South-East Asia): Tectonic, geologic and metallogenic consequences	Dr. Andrey E. Izokh

Paleomagnetism - a method of geodynamic reconstructions

Title	Lecturer
Guided tour to the Novosibirsk Paleomagnetic Center	Head of the center Dr. Alexey Yu. Kazansky
Geodynamic evolution of the Arctic ocean	Corresponding member of the RAS, Dr. Valery A. Vernikovskiy
Paleomagnetism as a method of paleotectonic analysis in reconstructions of the structures of Siberia	Dr. Dmitry V. Metelkin

Seismology

Title	Lecturer
State of the arts in high performance computing in seismic explorations	Dr. Vladimir A. Cheverda
Seismic imaging of active tectonic regions on different scales	Dr. Ivan Yu. Kulakov
Seismic fields modeling	Dr. Vadim V. Lisitsa

Petroleum sciences

Deposits of natural bitumen	Corresponding member of the RAS, Dr. Vladimir A. Kashirtsev
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Crystal growth

Title	Lecturer
Guided tour to the "Taurus" (http://www.taurus.com/)	Specified
Experimental mineralogy of diamond	Dr. Yury N. Palyanov
Crystal growth of bulk topological insulators	Dr. Konstantin A. Kokh

GIS

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

Detailed information about the courses and training sessions is available on the conference [website](#)

The Organizing Committee reserves the right to supplement and revise the list of topics. To participate in a course or sessions, please submit your application with the registration form through the website.



Fieldtrips



Field Trip: [Geodynamics, magmatism and stratigraphy of Gorny Altai](#)

Leader: Dr. Mikhail M. Buslov

Technical Manager: Dr. Fedor I. Zhimulev

Date: 15-23 June 2012

Cost: €500, including accommodation (field camp), transportation, meals, notebook, field guidebook in English, logistical support, insurance against accidents. The final cost may be reduced depending upon number of participants.

Max./Min. number of participants: 30/15

Information

The field excursion includes en-route and camp-based field observations of the major geological structures of the Gorny Altai – Middle Paleozoic suture-shear zone, which separates the Siberian and Kazakhstan-Baikal continents. The participants will have an opportunity to study: 1) The Late Neoproterozoic-Cambrian island-arc, accretionary and active margins, Ordovician-Silurian passive margin, and Devonian active margin of the Siberian continent; 2) The Gondwana-derived Altay-Mongolian terrane, a part of the composite Kazakhstan-Baikal continent; and 3) Late Paleozoic syn- and post-collisional magmatic and metamorphic rocks, with associated strike-slip and thrust fault structures.

Expected weather conditions: sunny, hot during the day (up to 30°C); windy and cold during the night (0-+5°C).



Field Trip: [Mineralogy and Metallogeny of the Northwestern Altai](#)

Leader: Dr. Sergey Z. Smirnov

Technical Manager: Irina G. Tretiakova

Date: 14-21 June 2012

Cost: €500, including accommodation (field camp), transportation, meals, notebook, field guidebook in English, logistical support, insurance against accidents. Tickets for the Museum of Zmeinogorsk are also included. The final cost may be reduced depending upon number of participants.

Max./Min. number of participants: 25/15

Information

The Northwestern Altai is a famous ore-bearing region in which a number of types of mineralization have occurred. Because of its ore-rich nature, this part of Altai is known as Rudny Altai (“Ore Altai”). Since 1745, polymetallic, copper and gold ores have been mined from the deposits of the Ore Altai.

Rudny Altai is situated at the boundary with the Gorny Altai, separated by the Loktevka–Cherny Irtysh Deep Fault, or the Northeastern Shear Zone. The region is characterized by long-term geodynamic evolution and a complex geological structure that influenced the formation of unique volcanic-hosted base-metal massive sulfide deposits. This highly productive ore belt formed during the Hercynian cycle, which began with a stage of initial rifting (Early Devonian), followed by an island-arc stage (Middle Devonian–Early Carboniferous), subsequent collision (Middle–Late Carboniferous), post-collision intraplate reactivation (Early Permian–Early Triassic), and stabilization (Mesozoic and Cenozoic).

Expected weather conditions: sunny, hot during the day (up to 30°C), windy, and cold during the night (10-15 °C).

General description: The trip includes visits to the polymetallic, copper, and gold mines, as well as to pegmatite veins with mineralization of rare metals and deposits of jasper and quartzite. The field trip includes a visit to Savvushki Lake and to a museum of mining history.

For the participation in a field excursion, the application should be placed through the registration form on the website. Field excursion fee should be paid by bank transfer before 1st April 2012.

