

International Symposium

LARGE IGNEOUS PROVINCES OF ASIA, MANTLE PLUMES AND METALLOGENY

Organized by

Institute of Geology and Mineralogy, Siberian Branch of Russian Academy of Sciences

13-16 August 2007, Novosibirsk, Russia

First circular

The conference is focused on the following topics:

1. Nature, age, and duration of the formation of large igneous provinces (LIP) of Asia;
2. Modeling of processes involved in the formation and development of mantle plumes, mantle-crust interaction and ore-magmatic systems;
3. Petrologic-geochemical aspects of formation of large igneous provinces (LIP) in Asia;
4. Metallogenic specialization of largest igneous provinces (LIP) and the role of mantle plumes in the formation of large and unique Cu-Ni-Pt, Ni-Co-As, porphyry Cu-Mo, Hg, Au-Hg and rare metal deposits of Asia;
5. Correlation of Permian-Triassic magmatic and ore complexes of Central Asia and Southeastern Asia, their main historic boundaries of formation, and distribution controls of large and unique deposits in the Siberian, Tarim and Emeishan mantle plumes;
6. Interaction of the largest magmatic events, natural disasters and global climate changes

Program of the Conference:

2-12 August 2007	Pre-Conference Field Trip “Metallogeny of the Southeastern Altai (Russia) and Northwestern Mongolia ore district, Permian-Triassic boundary”
13 August 2007	Registration, Ice-breaking party
14-15 August 2007	Opening ceremony, and Thematic Sessions (talks and posters)
16 August 2007	Thematic Sessions, General Discussion, Closing Ceremony.
17-25 August 2007	Post-Conference Field Trip “Devonian, Permian-Triassic and Cretaceous magmatism (Kolyvan-Tomsk fold area, Kuznetsk and Minusa Depressions)”

Field Trips

A. Pre-conference field trip. Altai-Mongolia: 2–12 August 2007 (11 days)

"Metallogeny of the Southeastern Altai (Russia) and Northwestern Mongolia ore district, Permian-Triassic boundary"

The excursion will include visits to a series of different deposit types such as Mo-W greisen, Ag-Sb (Bi, Au), Cu-Co (Bi), Sb-Hg, Cu-Hg-Ba and others. The occurrences of Early Mesozoic mafic, alkaline-mafic and granitoid magmatism in this area will also be examined along the route of the excursion. The total extension of the roundtrip is 2,500 km.

Maximum number of participants: 30, on a first-come-first served-basis.

Preliminary information on excursion fee: 800 - Euro

Field trip leaders: *A.G. Vladimirov, A.S. Borisenko, V.A. Goverdovsky*

B. Post-conference field trip. Kuzbas-Minusa: 17-24 August (8 days)

"Devonian, Permian-Triassic and Cretaceous magmatism (Kolyvan-Tomsk fold area, Kuznetsk and Minusa Depressions)"

Maximum number of participants: 30. The total extent of the trip route is 1,700 km.

Field trip leaders: *G.S. Fedoseev, A.E. Izokh, I.F. Gertner*

Preliminary information on excursion fee: 500 - Euro

Sponsors



Institute of Geology and Mineralogy (IGM), Novosibirsk



Presidium of Siberian Branch of Russian Academy of Sciences

Co-sponsors



Russian Foundation for Basic Research (RFBR)



Centre for Russian and Central Eurasian Mineral Studies (CERCAMS)



International Association on the Genesis of Ore Deposits (IAGOD)

Other sponsors are welcome to contact the Organizing Committee.

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Executive Secretaries: *V.M. Kalugin, E.A. Naumov, A.V. Yasenev*

Conference publications will include:

- Conference Program and Proceedings Volume containing the Extended Abstracts (in English)
- Field Excursion Guidebook “Permian-Triassic metallogeny of the SE Altai and NW Mongolia ore district and Kuzbas-Minusa Depressions” (in English, approx. 150 pages)
- Proceedings Volume (current plans)
 1. Special issue of “Russian Geology and Geophysics”
 2. Selected articles in “Ore Geology Reviews” (IAGOD/Elsevier)

The abstract template will be included in the Second Circular

General Information

Conference Languages: The official language of the conference is English. All posters are to be prepared in English. We encourage the Russian participants to present their talks in English. Those participants who are not comfortable with this are kindly advised to arrange for interpretation through their bilingual colleagues (own preliminary agreement required) or to consider participation in a poster session.

Climate: The conference period is characterized by moderate to high (20-30 C = 68-86 F) temperatures with moderate precipitation. Current conditions are available through these links <http://weather.cnn.com/weather/forecast.jsp?locCode=NOVX>

Travel: The airport **Novosibirsk-Tolmachevo** (<http://tolmachevoeng.faktura.ru/scdp/page>) is the center of passenger and cargo transport in Western Siberia. The airport offers direct connections with over 80 cities in Russia, CIS and abroad. Passenger flights operating on domestic routes include routes to/from Moscow, Saint-Petersburg, Krasnodar, Khabarovsk, Vladivostok and Mirny. International routes include flights to/from Frankfurt/Main, Dubai, Seoul and Kiev. The airport is also a relay point for cargo delivered to/from the Asian republics of the CIS, Mongolia and China and is of great importance as a point of intermediate technical landing for cargo aircraft on the way from Europe to South-East Asia. The airport is linked to the city by public transport (bus _808, €1) and taxis (€15). **Russian railways** <http://www.eng.rzd.ru/>. Long-distance trains run from Europe to Novosibirsk (via Moscow). There are also direct trains from Beijing, Ulan Bator, Ukraine, Kazakhstan and other places.

Visa: Most foreign participants will be required to obtain a visa to enter Russia, which may take you some time. Please check your visa requirements with the Consulate General of Russia in your home country. A formal letter of invitation is a likely prerequisite for visa application, and if this is the case, such a letter will be sent upon your request soon after you let us know.

Novosibirsk is one of the largest cities in Russia and is the biggest behind the Urals. It is considered the third largest city after Moscow and St. Petersburg and is situated right in the middle of Russia. The city lies on both banks of the Ob River. The day when construction of the new bridge across the Ob River was started is considered to be the day when Novosibirsk was founded. More information about Novosibirsk can be found at <http://allsiberia.com/novosibirsk/>

Accommodation: Rooms in Hotel “Zolotaya Dolina” <http://gold-valley.ru/> are available at various rates and degrees of comfort within a 10 minute walking distance from the conference site in Academgorodok. Room prices are in range 40-180 Euro. Accommodation should be reserved through the Organizing Committee.

Insurance liability Participants should note that emergency medical costs are not covered by the registration fee.

Registration Fees

Registration fees of €150 for conference participants, €100 for accompanying persons, and €50 for students allow attendance at the sessions and ice-breaking party
Excursion fees and methods of payment will be indicated in the Second Circular.

Deadlines

15 January 2007 - Pre-Registration Form, Submission of Provisional Titles of Talks/Posters
1 March 2007 - Second Circular
1 April 2007 - Registration Fee for Conference and Field Excursions, Submission of Abstracts

Pre-Registration

If you wish to take part in the Conference and/or receive the Second Circular, please fill in the Pre-registration form and e-mail it to the following address: lip-asia@uiggm.nsc.ru

PRE-REGISTRATION FORM

First Name _____

Last Name _____

Title: _____

Institution: _____

Address: _____

Phone: _____ Fax: _____

E-mail: _____

Provisional title of my talk/poster

Accompanying person(s)

I consider to participate in the following field
excursion(s) _____

Contacts:

lip-asia@uiggm.nsc.ru

<http://www.uiggm.nsc.ru/conf/lip-asia>

Organizing Committee of Conference
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