



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

6-9 August 2009, 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 local magmatic complexes within large igneous provinces of 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, Au-sulfide, Hg, Au-Hg and rare metal deposits of Asia;*
5. *Correlation of magmatic and ore complexes of Asia, their main historic boundaries of formation, and distribution controls of large and unique deposits by mantle plumes of different age;*
6. *Interaction of the largest magmatic events, natural disasters and global climate changes*

Program of the Conference:

- 25 July - 5 August** field trip «Magmatism and metallogeny of the Tuva trough and associated fold belts»
- 6 August** Registration, Ice Breaker Party
- 7-8 August** Thematic sessions
- 9 August** Thematic sessions, general discussions, banquet.

Field Trip

25 July - 5 August field trip «Magmatism and metallogeny of the Tuva trough and associated fold belts» (*including visits to Cu-Pb-Zn pyrite, porphyry Cu-Mo(Au), Zr, Ta, Nb – alkali metasomatites, Fe-F-REE carbonatite, Ni-Co-As-Ag Au-ore, Sb-Hg and other deposits, as well as manifestations of Early Mesozoic basic, alkaline-basic granitoid magmatism in this region*)

The itinerary covers a total of 2500 km.
Preliminary cost 1300 EUR. Maximum 20 participants.
Field trip leaders: V.I. Lebedev, A.S. Borisenko, A.E. Izokh

Organizing Committee

Chairmen:

Nikolai L. Dobretsov - Academician, Institute of Geology and Mineralogy SB RAS, Novosibirsk

Franco Pirajno - Prof., Geological Survey of Western Australia, School of Earth and Geographical Sciences, University of Western Australia

Vice Chairmen:

Alexander S. Borisenko - Doctor of Sciences, Deputy Director of Institute of Geology and Mineralogy of SB RAS, Novosibirsk

Nikolay P. Pokhilenko - Corresponding member of RAS, Director of Institute of Geology and Mineralogy of SB RAS, Novosibirsk

Richard E. Ernst - PhD, "Ernst Geosciences", formerly at the Geological Survey of Canada, Natural Resources Canada

Members:

V.I. Kovalenko - Academician, Russian Academy of Sciences, Institute of Geology of ore deposits, Petrology, Mineralogy and Geochemistry RAS, Moscow

A.I. Khanchuk - Academician, Russian Academy of Sciences, Director of Far East Geological Institute Far East branch of RAS, Vladivostok

M.I. Kuzmin - Academician, Russian Academy of Sciences, Director of Vinogradov Institute of Geochemistry, SB RAS, Irkutsk

N.V. Sobolev - Academician, Russian Academy of Sciences, Institute of Geology and Mineralogy SB RAS, Novosibirsk

I.V. Gordienko - Corresponding member of RAS, Buryatian Scientific Center of SB RAS, Ulan-Ude

N.A. Goryachev - Corresponding member of RAS, Director of NEIRSI FEB RAS, Magadan

G.V. Polyakov - Corresponding member of RAS, Institute of Geology and Mineralogy SB RAS, Novosibirsk

E.V. Sklyarov - Corresponding member of RAS, Director of Institute of Earth's Crust, SB RAS, Irkutsk

V.S. Shatskiy - Corresponding member of RAS, Deputy Director of Institute of Geology and Mineralogy of SB RAS, Novosibirsk

V.V. Yarmolyuk - Corresponding member of RAS, Deputy Director of Institute of Geology of ore deposits, Petrology, Mineralogy and Geochemistry RAS, Moscow

A.E. Izokh - Doctor of Sciences, Institute of Geology and Mineralogy of SB RAS, Novosibirsk

V.A. Simonov - Doctor of Sciences, Institute of Geology and Mineralogy of SB RAS, Novosibirsk

Reimar Seltmann - Prof., Head CERCAMS (Centre for Russian and Central Eurasian Mineral Studies), Natural History Museum, London, United Kingdom

Jingwen Mao - Prof., Institute of Mineral Deposits, Chinese Academy of Geological Sciences, Beijing, China.

Onongin Tomurtogoo - Academician of Mongolian Academy of Sciences, Institute of Geology and Mineral Resources, Mongolian Academy of Sciences, Mongolia

Nigel Cook - Prof., IAGOD President, Natural History Museum (Geology), University of Oslo, Oslo, Norway

Tran Trong Hoa - Director of Institute of Geological Sciences, Vietnamese Academy of Sciences and Technology, Ha Noi, Vietnam

Secretaries: E.A. Naumov, R.A. Shelepaev

Conference publications will include:

1. Conference Program and Proceedings Volume containing the Extended Abstracts (in English)
2. Field Excursion Guidebook (in English)
3. Special issue of "Russian Geology and Geophysics"
4. Special issue of "Ore Geology Reviews"

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.

Travel: The airport **Novosibirsk-Tolmachevo** (<http://www.tolmachevo.ru>) 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. The airport is linked to the city by public transport and taxis. The Organizing Committee does not recommend using private cars. Please inform us about your arrival in advance and we will pick you up at the airport (cost is about 20 EUR). The Organizing Committee recommends not to use the services of private drivers.

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 beyond the Urals. 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.

Conference will be held at the Institute of Geology and Mineralogy SB RAS. Co-sponsors:



Siberian Branch of Russian Academy of Sciences



Russian Foundation for Basic Research (RFBR)



Novosibirsk State University



Centre for Russian and Central Eurasian Mineral Studies (CERCAMS)



International Association on the Genesis of Ore Deposits (IAGOD)

Key Dates

Registration of participants from **1 November 2008**.

Excursions must be registered by **1 February 2009**

All abstracts should be submitted in English (up to 2 pages, font Times New Roman 12, single space, all margins 2.5 cm, in MS Word format, figures should be sent in separate file)

by **March 1, 2009**.

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. Final excursion fees and methods of payment will be indicated in the Second Circular.

Registration

On-line registration is available at the conference website:

<http://lip-asia.igm.nsc.ru>

If you are unable to register on-line, fill in the form and send it back to the Organizing Committee

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 field excursion _____

Contacts:

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