INTERNATIONAL CONFERENCE ORE GENESIS

SECOND CIRCULAR

The International Conference “Ore Genesis” will be held in the Institute of Mineralogy from 7 to 9 August 2013. The purpose of the Conference is to present new results of studies on fundamental and applied problems of geology, mineralogy and geochemistry of ore deposits. The official language of the Conference is English. Pre-conference field trip will begin July, 26.

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Igor Zhukov, Candidate of Sciences, Institute of Mineralogy UB RAS, Miass

Scientific Programme

Presentations: - plenary (30 min), - oral (15–20 min), posters presentation (5 min)

Day 1 (7th, August, 2013)

10.00–13.30
1. Maslennikov V.V. New genetic models as a background for prospecting of ore deposits.
2. Anfilogov V.N., Khachay Y.V. Formation of the Earth’s core and silicate layers.
3. Puchkov V.N. Global geostructure, their evolution and metallogeny.
4. McGoldrick P.J. Biological and geochemical aspects of low temperature hydrothermal vents of Australia's giant mid-Proterozoic sedex zinc systems.
5. Seravkin I.B. Types of VHMS deposits of the Urals and their geodynamic setting
6. Belogub E.V. Mineralogy of gold in oxidized ores at the Urals, Russia

15.00-18.00
1. Tret’yakov G.A. Extraction of metals from the sediment by the heated seawater: a physical-chemical modeling.
5. Ayupova N.R., Zhukov I.G. Devonian Fe-Mn nodules of the Ural paleoocean
6. Apukhtina O., Kamenetsky V.S., Ehrig K. Geology and mineralisation of the IOCG-type Olympic Dam deposit (South Australia)
8. Melekestseva I.Yu., Maslennikov V.V., Maslennikova S.P., Large R.R., Danyushevsky L.V. Trace elements in sulfides from the Semenov hydrothermal cluster, 13°30´n, Mid-Atlantic ridge: LA-ICP-MS data

Presentation of posters
1. Huang Q., Zhu Y. Petrology and geochemistry of the Haladala Pluton and associated Au-bearing hydrothermal veins in Southwestern Tian Shan, China
2. Testa F.J., Cooke D.R. Preliminary thermodynamic model for Bi-minerals in the San Francisco de los Andes Bi-Cu-Au breccia pipe, San Juan, Argentina
3. Blinov I.A. Mineralogy of the oxidized ores from the Verkhnyaya Arsha Pb-Zn deposit, South Urals

Day 2 (8th, August, 2013)

10.00-13.00
1. Adomako-Ansah K., Mizuta T., Ishiyama D., Hammond N.Q., Yamamoto M. Archean banded iron formation gold-hosted deposit in the Amalia greenstone belt, South
4. Fujioka N., Ishiyama D., Maslennikov V., Adomako-Ansah K. Contrasting characteristics of Ural- and Baimak-type VMS deposits in the Urals, Russia

15.00–17.00
1. Zabotina M.V., Belogub E.V., Yuminov A.M. Characteristics of primary ore and formation conditions of Kontrol’noe gold deposit (Uchaly region, Russia)
2. Chuvashov B.I., Anfimov A.L, Soroka E.I. Age and formation condition of ore-hosting sequence of the Saf’yanovka deposit, Central Urals: data on foraminifers
3. Palenova E.E., Belogub E.V., Kotlyarov V.A., Blinov I.A. Florencite from Kopylovskoye and Caucasus gold deposits (Bodaybo ore region, Russia)
4. Ayupova N.R., Maslennikov V.V., S.P. Maslennikova, Sadykov S.A., Danyushevsky L.V. Biomorphic signatures of metalliferous ferruginous and manganiferous rocks from the Urals VMS deposits.
5. Sadykov S.A. Magnetic Field Effect on Fractionation of Carbon Isotopes in the Reaction of Ca(OH)2 with Air Carbon Dioxide.
6. Zaykov V.V., Ankushev M.N., Zaykova E.V., Yuminov A.M. Ore geoarcheology of the Urals metallogeny zones

**Posters**
1. Ivleva E.A., Pak N.T. The biggest rare-earth deposits in Tien Shan
2. Polgári M. Two step microbial formation model of black shale-hosted manganese carbonate deposits – case study of the Ūrkút deposit, Hungary
3. Revan M.K., Genç Y., Maslennikov V.V., Maslennikova S.P, Large R.R., Danyushevsky L.V. Upper Cretaceous hydrothermal chimney fragments from the eastern Pontide Belt, NE Turkey: Implications for Pontide VMS Deposits
4. Revan M.K., Genç Y., Maslennikov V.V., Ünlü T. Fossil fauna findings in the massive sulfide deposits of the Eastern Pontide belt, northeast Turkey
5. Sapargaliyev E.M., Polyanchky N.V., Ganzhenko G.D. Formation conditions of the Ridder-Sokolnoe deposit, Rudnyi Altai, Kazakhstan
6. Shevkunov A.G. Conditions and dynamic of development of the orogenic type minerals forming system on the example of the Kumtor gold deposit (Middle Tien-Shan)
7. Simonov V.A., Maslennikov V.V., Kotlyarov A.V. Physico-chemical conditions of magmatic and hydrothermal systems of Paleozoic “black smokers” of the Rudny Altai (north-east Kazakhstan)
8. Sinyakovskaya I.V., Zaykov V.V. Geodynamic typification of the pyrophyllite deposits
9. Shaybekov R.I. Coloradoite from the silicification zones of the Uchastok Krutoy gold occurrence, Pay-Khoy, Russia
10. Kaneto F., Murzin V.V., Hoshino K. Gold-bearing rodingites from the Karabash alpine-type ultrabasic massif, Southern Ural, Russia

**Itinerary of the field trip**

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<tr>
<th>Date</th>
<th>Stop</th>
<th>Accommodation</th>
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<tr>
<td>Friday–Saturday,</td>
<td>Arrival to Yekaterinburg</td>
<td>Bol’shoy Ural hotel, Yekaterinburg</td>
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<td>July 26–27</td>
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<td>Sunday, July 28</td>
<td>Departure from the hotel</td>
<td>Neptun hotel, Miass</td>
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<td>Visit to Saf’yanovka VMS deposit</td>
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<td>Transfer to Miass</td>
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<td>Monday, July 29</td>
<td>Visit to Zolotaya Gora and Murashkina</td>
<td>Neptun hotel, Miass</td>
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<td>Return to Miass</td>
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<td>Tuesday, July 30</td>
<td>Departure from the hotel</td>
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<td>Visit to Bikkulovo Mn deposit</td>
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<td>Wednesday, July 31</td>
<td>Visit to Yubileinoye VMS deposit</td>
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<td>Date, August</td>
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<td>Departure from the hotel Transfer to Miass</td>
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<td>5</td>
<td>Visit to Uchaly and Zapadno-Ozernoe VMS and Murtykty gold deposits Return to Miass</td>
<td>Neptun hotel, Miass</td>
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<td>7</td>
<td>Conference ORE GENESIS</td>
<td>Neptun hotel, Miass</td>
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