

**XXXIV International conference  
on  
Magmatism of the Earth and related  
strategic metal deposits**



V.I. VERNADSKY INSTITUTE OF GEOCHEMISTRY AND  
ANALYTICAL CHEMISTRY  
RUSSIAN ACADEMY OF SCIENCES  
(GEOKHI RAS)

INSTITUTE OF MINERALOGY,  
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RUSSIAN ACADEMY OF SCIENCES  
(IMIN UB RAS)

CRITICAL METALS WORKSHOP (CM'2017)

RUSSIAN SCIENTIFIC FOUNDATION (RNF)

*34 International Conference*

*on*

*Magmatism of the Earth and Related Strategic Metal  
Deposits*

*August 4-9, 2017*

*Miass, Ural, Russia*

#### **Conference Chairpersons:**

L.N. Kogarko (GEOKHI RAS, Moscow)  
V.V. Maslennikov (IMin UB RAS, Miass, Ekaterinburg)

Secretaries of organizing committee

V.A. Zaitsev (GEOKHI RAS, Moscow)  
I.G. Zhukov (IMin UB RAS, Miass)

#### **Organizing Committee:**

I.D. Ryabchikov (IGEM RAS, Moscow)  
V.N. Anfiligov (IMin UB RAS, Miass)  
P.M. Valizer (Ilmen State Reserve, Miass)  
N.V. Sorokhtina (GEOKHI RAS, Moscow)  
S.M. Aksenov (SPbGU RAS, St. Peterburg)  
V.N. Ermolaeva (IEM RAS)  
J. Kynicky (Mendel University, Czech Republic)

We cordially invite you and your colleagues to attend the 34 International Conference on Magmatism of the Earth and Related Strategic Metal Deposits, which will be held from August 4 to August 9, 2017 at the Institute of Mineralogy the Ural Branch of RAS in Miass, Ilmen mountains (Chelyabinsk Region).

The Ilmen Mountains is a part of South Ural. This place is famous for its beautiful scenery and unmatched diversity of minerals - have always been Mecca for scientists, geological students and mineral enthusiasts worldwide.

Scientific study of the area started over 200 years ago when Russia and Europe first got to know about the mineral riches of the Ural. The history of geological study of this territory is connected to the real giants of geology: A. Humboldt, G. Rose, V. I. Vernadsky, I. Menge, A.E. Fersman, A. N. Zavaritsky, D.S. Korzhinsky, N. I. Koksharov, P. V. Yeremeyev, A. P. Karpinsky, D. S. Beljankin and many others. In 1920 the Ilmens were declared a mineralogical reserve: one of Russia's first natural reserves. Now it was grown to the scientific and education cluster, including organizations in Miass and Yekaterinburg.

**The conference aim** is providing a platform for researchers and practitioners to exchange emerging ideas and to investigate key issues:

1. Geochemistry, petrology and ore-potential of alkaline and related mafic and granitic magmatism.
2. Resources of critical metals in magmatic complexes in various geodynamis settings.
3. Petrology, geochemistry and metallogeny of oceanic magmatism.
4. Mantle sources and processes controlling genesis of ore-producing magmas.
5. Geochemical characteristics and metallogeny of subduction- and collision-related magmatism.

We invite proposals for Sessions or Workshops. Proposals should include the following information:

- The title of the Session/Workshop
- The name, affiliation, mailing address and e-mail address(es) of the proposer(s)
- A description of the topic of the Session (not exceeding 100 words)
- A short description on the means of advertisement for the Session

The deadline for proposal submission is 1st October 2016. Please send your proposal to: [alkaline.conference@gmail.com](mailto:alkaline.conference@gmail.com)

**To register:**

- (1) fill out the online questionnaire located at: <http://magmas-and-metals.ru/> before 31.01.2017
- (2) if you are a presenting author, submit your abstract(s) and publication consent electronically no later than March, 31 following the guidelines at: <http://magmas-and-metals.ru/abstracts>

**Full Conference registration fee is 200 Euros (student fee is 100 Euros) and includes:**

- Attendance of the scientific sessions
- Abstract volume
- Welcome “Icebreaker”
- Refreshments during coffee breaks
- Conference banquet
- Visa support

These fees do not include travel to and from Miass, or accommodation in Miass. Fees for the geological excursions should be paid additionally.

Participants can take part in some of one-day field excursions to the famous ore deposits and geological localities of Ural Mountains:

- "Russian Brazilia" on Southern Ural - granite & pegmatite complex of Late Paleozoic Borisovskiy pluton - €100
- Medvedevskoe deposit: basic magmatic titanomagnetite ores in stratificated gabbroids and perovskite-bearing skarns. €100
- Vishnevogorsky Alkaline Complex €100
- Karabash Deposit: Au-bearing rodingites in the alpine-type ultramafic rocks €40
- Ilmen Nature Reserve (2-3 mines) - €20
- Uchaly Zn-Cu Volcanogenic Massive Sulphide Deposit €35
- Urazovo jasper and manganese deposit €35

Prices of each excursions are preliminary. It will depend from actual fuel prices number of interested participants. Information that is more precise will be in April, 2017. You can choose any excursions you want before 31.01.2017 and indicate it in questionnaire.

Please, visit the conference web-site <http://magmas-and-metals.ru/> for details..



The venue is located inside the Ilmen Natural Reserve, in Miass, The nearest airport is Chelyabinsk (CEK), servicing domestic flights from Moscow, St. Petersburg, Simferopol, Novosibirsk, Irkutsk, etc.

There are regular buses and local trams from

Chelyabinsk bus station to Miass, (will need to take taxi from airport to bus or train) station.

Organizing committee plans to organize a meeting of several groups of participants at the Chelyabinsk airport. For this purpose it will be required to coordinate an arrival time of participants. If you want to use our help please coordinate flights with the organizing committee before purchase of tickets.

Alternatively, Miass can be reached from international airport in Yekaterinburg (SVX), servicing domestic flights from more than 40 cities of Russia and more than 30 cities outside Russia.

From airport, you will need to take bus to the Ekaterinburg train- or bus-station. Than you will need take bus or train to Miass.

For real adventurers, there are train connections that will take you from Moscow (29 hours 31 minutes).

**If you require a visa to enter the Russian Federation, you will need an official invitation from the Organizing Committee. Official invitations will made by organizing committee after approving of abstract and payment of organizing fee.**



*We look forward to seeing you in the beautiful  
ILMEN MOUNTAINS in August 2017!*