



**TsNIGRI**

***THE 3RD NEWSLETTER***

***X INTERNATIONAL SCIENTIFIC AND PRACTICAL CONFERENCE  
“SCIENTIFIC AND METHODOLOGICAL BASICS OF DIAMOND, PRECIOUS AND BASE METAL  
DEPOSIT FORECASTING, PROSPECTING AND EVALUATION”***

***14-16 april 2020***

***FSBI TsNIGRI***

***Moscow city***





### **Dear colleagues:**

*On behalf of the conference Organizing Committee, I am pleased to invite you to the X international conference aimed at developing scientific and methodical basics of diamond, precious and base metal (DPBM) deposit forecasting, prospecting and evaluation, and defining work areas for DPBM mineral base reproduction.*

*Our conference is among a few Russian representative venues to discuss relevant geological and mining problems of interest to both scientific institutions and production enterprises.*

*The previous IX conference (2019) involved 293 registered participants and 199 presentations were made (including 110 oral, 50 poster and 39 correspondence presentations).*

*The conference was attended by heads of the Federal Agency for Subsurface Use (Rosnedra); V.P. Orlov, RosGeo President; V.I. Tarakanovsky, chairman of the Russian Gold Prospectors Union; N.N. Kruk, Director of IGM SB RAS; N.A. Goryachev, corresponding member of RAS; Yu.P. Panov, MGRI vice-chancellor; N.P. Pokhilenko, Academician of RAS; G.P. Kovtonyuk, Deputy General Director of FSBI Rosgeolfond. Presentations were made by representatives of 84 Rosnedra agencies, RAS, higher institutions, mining companies and foreign countries.*

*The conference program included a plenary session, roundtable, precious metal, base metal and diamond section sessions, and a poster session. Finally, conference attendants visited Novofirsovskoye, Murzinskoye, Stepnoye, Korbalikhinskoye, Zmeinogorskoye and Zarechenskoye deposits.*

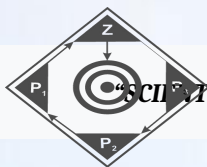
*The X conference would be attended by about 350 delegates from nearly 100 Rosnedra agencies, RAS, higher institutions, mining companies (JSC Polymetall, PJSC MMC Norilsk Nickel, PJSC Polyus, PJSC Alrosa, etc.), service exploration companies, JSC Rosgeology and foreign countries (Australia, China, Uzbekistan, Kazakhstan, Mongolia, etc.).*

*I am convinced that our conference will become a well-respected venue, which will bring together representatives of specialized ministries and departments, geological companies, educational institute managers and personnel divisions.*

*I wish you fruitful work, interesting discussions and new achievements!*

**S.A. Aksenov**

**Deputy Head of Rosnedra**



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**OUR SPONSORS:**



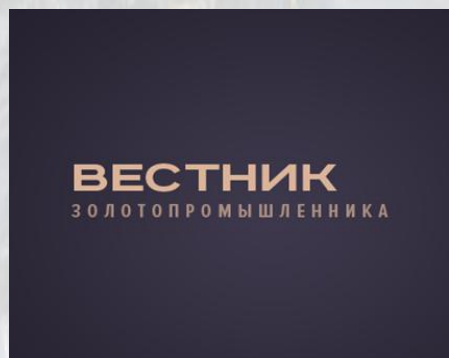
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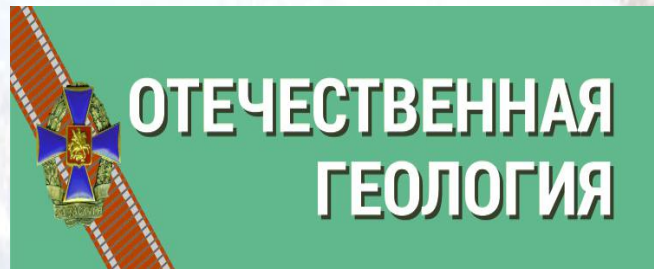
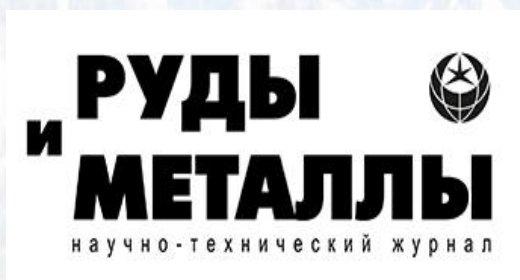


Отраслевой интернет-портал и журнал



**ЦВЕТНЫЕ  
МЕТАЛЛЫ**





**ACTUAL DISCUSSION ISSUES PROPOSED BY OUR PARTNERS:**

*The Greater Altai: opportunities and problems for collaboration*

*Metallogeny and forecasted types of ore deposits of the Sikhote-Alin Structural Zone, Khabarovsk Region, that accommodates the Malmyzh Au-Cu deposit and the Poni and Tyrskoe ore prospects*

*Metallogeny and forecasted types of ore deposits of the Nenkan Structural Zone, Chukot Autonomous Region*

*Problems of integration into a united informational center*

*Application claim principle of the subsoil use*

*Conceptual problems of relationships between various mineral resources and mineral reserves; methodological issues of the resource estimation*

*Problems of the modern accounting of mineral resources and reserves*

*Contactless geophysical techniques (electrical exploration, etc.) of prospection for base and precious metals and diamonds*

*High-sensitive geochemical techniques of prospection for unexposed and sealed deposits of base and precious metals and diamonds*



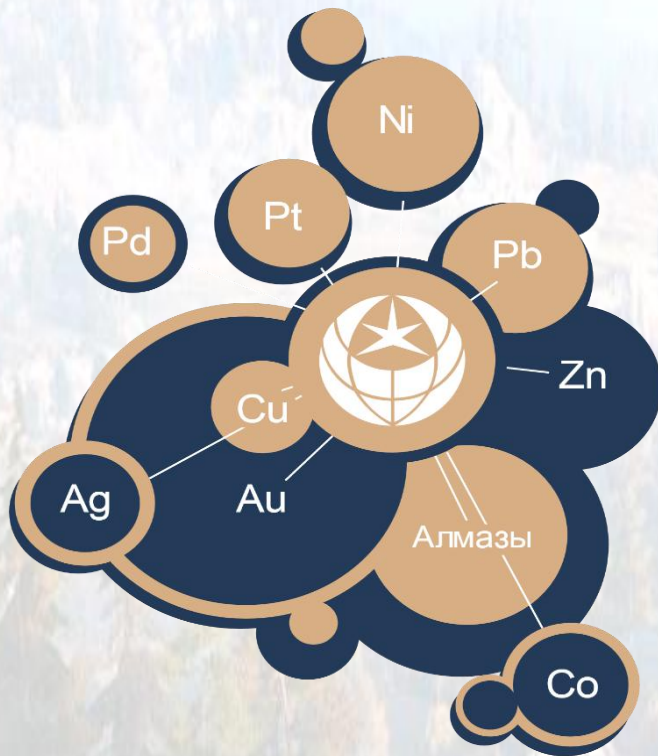
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### **THE 3RD NEWSLETTER**

**FSBI TsNIGRI invites representatives of territorial Rosnedra authorities, exploration, mining companies, sectoral research, academic and educational institutes to attend the X International scientific and practical conference «Scientific and methodical basics of diamond, precious and base metal deposit forecasting, prospecting and evaluation».**



### **THE CONFERENCE FOCUSES ON:**

- DPBM minerageny
- priorities for DPBM forecasting and prospecting;
- prospective deposits where various stages of DPBM prospecting are planned;
- practice and results of geological prospecting for DPBM covering deposits of distributed and undistributed mineral resource stock;
- scientific and methodical basics of complexing geological, geochemical and geophysical methods of DPBM forecasting, prospecting and evaluation;
- use of complex deposit models with a view to DPBM forecasting, prospecting, evaluating and exploring;
- design and implementation of innovative methods, techniques and technologies of geological prospecting for DPBM.

### **PURPOSE OF THE CONFERENCE:**

**The conference aims to develop scientific and methodical basics of diamond, precious and base metal (DPBM) deposit forecasting, prospecting and evaluation, and define work areas for DPBM mineral base reproduction.**

### **PLENARY AND THEME SECTIONS:**

**The conference program includes plenary and theme sections:**

- Precious metals section
- Base metals section
- Diamonds section
- Section on information technologies, mineral base analysis, evaluation and registration

**Moscow city, 14–16 April 2020 г., FSBI «TsNIGRI»**



## **STRUCTURE OF ORGANIZING COMMITTEE:**

### **Chairman:**

**E.A. Kisilev (Rosnedra)**

### **Co-chairmen:**

**S.A. Aksenov (Rosnedra),**

**A.I. Ivanov (FSBI TsNIGRI)**

**A.F. Morozov (Rosnedra), A.V. Orel (Ministry of Natural Resources of the Russian Federation)**

**A.I. Chernykh (FSBI TsNIGRI),**

**V.P. Orlov (RosGeo)**

### **Members of the Organizing Committee:**

**E.M. Aksenov (FSUE TsNIIgeolnerud),**

**N.P. Pokhilenko (IGiM SB RAS)**

**D.B. Arakcheev (FSBI Rosgeofond),**

**O.V. Petrov (FSBI VSEGEI)**

**N.S. Bortnikov (IGEM RAS), D.Yu. Pushcharovsky (M.V. Lomonosov Moscow State University)**

**K.V. Garanin (JSC Alrosa),**

**A.V. Rudnev (Rosnedra)**

**S.V. Gudkov (FSI Rosgeoexpertise),**

**Yu.G. Safonov (IGEM RAS)**

**P.A. Ignatov (MGRI-RGGRU),**

**V.V. Sitnikov (JSC Norilskgeology)**

**S.G. Kashuba (SZR),**

**I.G. Spiridonov (FSBI IMGRE)**

**M.K. Korenyuk (PJSC Polyus),**

**V.I. Starostin (M.V. Lomonosov Moscow State University)**

**K.A. Koronkevich (Rosnedra),**

**V.I. Tarakanovsky (Russian Gold Prospectors Union)**

**V.A. Kosyanov (MGRI-RGGRU),**

**A.V. Tolstov (NII GP JSC Alrosa)**

**S. Lobov (IGiM SB RAS),**

**E.G. Farrakhov (RosGeo)**

**V.A. Makarov (IGDGiG),**

**V.Yu. Fridovsky (FSBI IGABM SB RAS)**

**G.A. Mashkovtsev (FSBI VIMS),**

**I.V. Shpurov (FBI GKZ)**

**B.K. Mikhailov (JSC Rosgeology),**

**A.N. Shchendrigin (FSBI TsNIGRI)**

### **IMPORTANT DATES:**

**February 20, 2020: deadline for applications and field trip payments**

**March 15, 2020: registration and abstract submission deadline**

**April 1, 2020: finalization of presentation program**

**April 14-16, 2020: X International TsNIGRI conference**

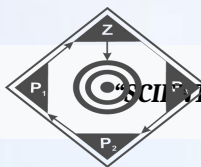
**April 20-25, 2020: field trips (planned)**

### **REGISTRATION AND ABSTRACT SUBMISSION:**

**Attendants registration and abstract submission timeframe: August 1, 2019 – March 15, 2020 at**

**<http://conf2020.tsnigri.ru>**

**There is no registration fee.**



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PROVISIONAL SCHEDULE OF SESSIONS						
Session date and time	Major conference hall	Conference hall 1	Conference hall 2	Conference hall 3	Ground-floor lobby	
April 14, Tuesday	08:00-15:00	Registration: April 14 to 16				
	Wellcome coffee (dining room, 9:00-10:00)					
	10:00-10:30	Conference opening				
	10:30-13:00	Plenary session				
	Lunch (dining room, 13:00-14:00)					
	14:00-15:30	Plenary session				
	15:45-17:30	Master-classes		Posters session		
April 15, Wednesday	Wellcome coffee (dining room, 9:00-09:30)					
	09:30-11:00	Section of precious metals	Section of diamonds	Section of base metals	Section of IT and of analysis, estimation, and accounting of the mineral resource base	
	Coffee-break (by sections, 11:00-11:15)					
	11:15-13:00	Section of precious metals	Section of diamonds	Section of base metals	Section of IT and of analysis, estimation, and accounting of the mineral resource base	
	Lunch (dining room, 13:00-14:00)					
	14:00-15:30	Section of precious metals	Section of diamonds	Section of base metals	Section of IT and of analysis, estimation, and accounting of the mineral resource base	
	Coffee-break (by sections, 11:00-11:15)					
15:45-17:30	Section of precious metals	Section of diamonds	Section of base metals	Section of IT and of analysis, estimation, and accounting of the mineral resource base		
April 16, Thursday	Wellcome coffee (dining room, 9:00-09:30)					
	09:30-11:00	Section of precious metals	Section of diamonds	Session of Working Group “The Greater Altai”	Section of IT and of analysis, estimation, and accounting of the mineral resource base	
	Coffee-break (by sections, 11:00-11:15)					
	11:15-13:00	Section of precious metals	Section of diamonds	Session of Working Group “The Greater Altai”	Section of IT and of analysis, estimation, and accounting of the mineral resource base	
	Lunch (dining room, 13:00-14:00)					
	14:00-15:45	Section of precious metals				
	Coffee-break (dining room, 15:45-16:00)					
16:00-17:00	Plenary session. Conference closing.					

Poster presentations,  
April 14 – 16,  
08:00-18:00





### **ABSTRACT SUBMISSION RULES:**

*Abstracts should be submitted in Russian or English.*

*Abstract must not exceed two A4 pages (including all figures, tables, captions and references) typed in Microsoft Word. Times New Roman font is required, font size is 12, single spacing. 2-cm margins should be on all sides. Authors should indicate their respective jobs. A sample of proper abstract design is downloadable on the conference website (<http://conf2020.tsnigri.ru>).*

*Abstracts are not edited, their author's version is published. Collected abstracts will be issued by the conference start date and included in RISC database. Basic proceedings are planned for publication in "Ores and Metals" and "National Geology" journals.*

*The Organizing Committee reserves the right to reject improperly designed and irrelevant abstracts.*

### **ORAL AND POSTER PRESENTATIONS:**

*An oral presentation (including Q&A) should take 15-20 minutes. Presenters will have access to multimedia projectors for PowerPoint presentations. Poster presentations: posters should be 90 cm wide and up to 230 cm high. Official languages: Russian and English.*

### **WORKSHOPS:**

*Master classes are planned as part of the conference.*

### **FIELD TRIPS:**

*The conference program includes field trips to the Russian diamond deposits (Arkhangelsk region), gold and polymetallic deposits (the Urals, Altai). These trips are paid for separately. Each tripper will receive photographs. Field trips are subject to group completeness. Number of participants: 7-12.*



#### **Arkhangelsk region**

*Deposits planned to be visited:*

*M.V. Lomonosov deposit (Arkhangelskaya and Karpinsky pipes) (PJSC Severalmaz);  
V. Grib deposit (JSC AGD DIAMONDS).*

*Additionally, visits to pits, plants and offices of JSC AGD DIAMONDS and PJSC Severalmaz are included. Sample removal, photo and video shooting are prohibited in pits. At the request, "Malye Karely" museum of wooden architecture can be visited (it is 25 km away from Arkhangelsk in Malye Karely village).*



#### **Altai**

*Deposits planned to be visited:*

*Novofirsovskoye gold deposit;  
Murzinskoye gold deposit;  
Stepnoye pyrite-polymetallic deposit;  
Korbalkhinskoye pyrite-polymetallic deposit;  
Zmeinogorskoye pyrite-polymetallic deposit;*

*The field seminar includes excursions to A. Demidov museum of mining development history (Zmeinogorsk city) and M.T. Kalashnikov memorial museum (Kurya village).*



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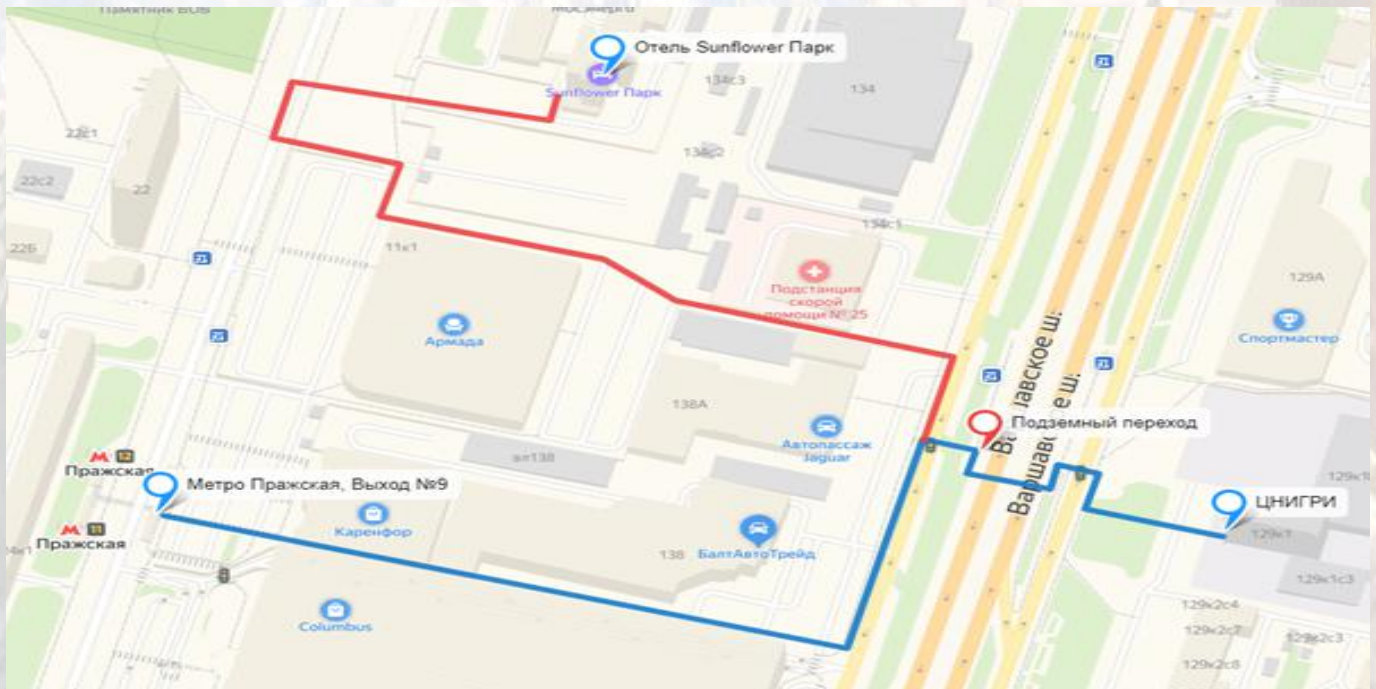


**Urals** Deposits planned to be visited:  
Mikheevskoye (porphyry copper);  
South Kurosan and Svetlinskoye gold deposits (Chelyabinsk region, South Urals);  
Murtykty gold deposit (Uchalinsk district, Bashkortostan, South Urals).  
The trip program includes a visit to Chelyabinsk State Local History Museum

Costs are provisionally estimated at 50,000-60,000 R including accommodation (stay at a hotel), transfer, insurance, three meals a day, field seminar participant kit with conference logo. The cost is subject to change depending on the number of participants.

**CONFERENCE VENUE:**

129-1 Varshavskoye Sh., Moscow 117545, FSBI TsNIGRI.



**ACCOMODATION:**

Sunflower Park is a modern four-star hotel in southern Moscow, it is conveniently located within a 5 minute walk from Prazhskaya metro station and just 27 minutes metro travel time from the Red Square and the Kremlin. The hotel offers 245 spacious, well-equipped rooms in calm, pleasant colours.

[www.sunflowerpark.ru](http://www.sunflowerpark.ru)

**CONTACTS:**

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**We look forward to seeing you at our conference!**