



**Горный институт  
УрО РАН**



**КУНГУРСКАЯ  
ЛЕДЯНАЯ  
ПЕЩЕРА**

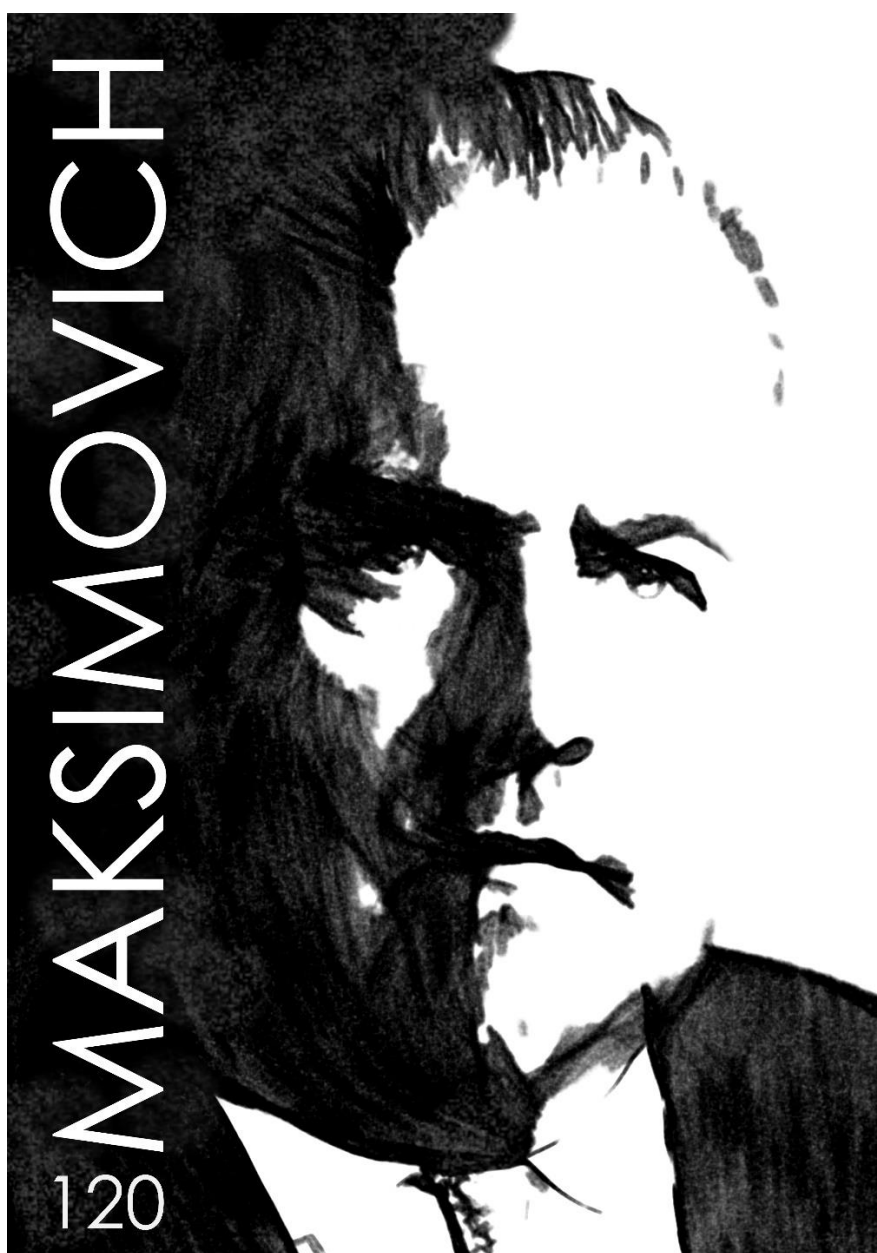


**ПЕРМСКИЙ  
УНИВЕРСИТЕТ**  
Классика будущего

**Perm Federal Research Center of the Ural RAS Department  
Mining Institute of the the Ural Branch of the Russian Academy of Sciences  
Perm State University  
Russian Geographical Society  
Stalagmite Hotel and Tourist Complex**

All-Russian scientific conference with international participants

**KARST AND CAVES. 2024**



The conference is devoted to  
the 120th anniversary of the birth of G. A. Maksimovich  
the 110th anniversary of scientific and tourist and excursion activities in the Kungur Ice Cave

Perm – Kungur  
28, May – 1, June 2024

## Dear Colleagues!

In connection with the 120th anniversary of the birth of Prof. Georgy Alekseevich Maksimovich and the 110th anniversary of excursion and scientific activity in the Kungur Ice Cave, Perm State National Research University and the Mining Institute of the Ural Branch of the Russian Academy of Sciences organize the All-Russian Scientific Conference with international participants. This Conference will discuss the problems and achievements karst and speleology in the first quarter of the XXI century.

**Georgy Alekseevich Maksimovich** (1904-1979) who became the foremost karst and cave scientist of the former USSR was born in Warsaw. He graduated the Dnepropetrovsk Mining Institute (Ukraine) in 1926 and completed his PhD (hydrogeology) in 1938. From 1934 to his death, he was Head of Dynamic Geology and Hydrogeology Department of Perm University, one of the Soviet Union's leading karst study centres. Besides supervising 60 PhD projects, he established two scientific transaction series: *Peschery* (Caves) and *Gidrogeologija* and *Karstovedenie* (Hydrogeology and Karstology). He also founded and directed the All-Union Institute of Karstology and Speleology, a learned society with over 230 member scientists from all over the USSR.

Prof. Maksimovich published widely on hydrogeology, hydrochemistry and oil geology, but contributed most to karstology and speleology. Of his 545 publications, most involved cave and karst science, with 208 devoted to speleology. His two-volume *Principles of Karstology* (1963 & 1969) was a key reference source for generations of scientists. Maksimovich's work covered cave study methodologies, speleogenesis, hydrology, hydrochemistry, cave sediments, cave microclimates, and the use of caves. Above and beyond this, however, his greatest contribution was the observation and description of regional speleology and karstology (John Gunn, 2003).

**The Kungur Ice Cave** is one of the most popular sights of Russia. It is a unique geological monument, one of the largest karst caves in gypsums of our country. According to the new plan, the length of the cave passages is 8153 m, including 2 km equipped for excursion visits. The cave has 48 grottos and about 70 lakes. In 1914 the area around the cave was rented by the Kungur bourgeois A. T. Khlebnikov. Since that time, the official excursion activity started.

We invite you to take part in the conference from May 28 to June 1, 2024 and inform interested professionals involved in karst and cave research. Participation in the conference is free of charge. We provide visa support for arrival to Russia.

## ORGANIZING COMMITTEE

**Chair: Alexander Abramovich Baryakh** - RAS member, Doctor of Technical Sciences, Chief Researcher of the Mining Institute of the Ural Branch of the Russian Academy of Sciences.

**Co-chairs: Petar Milanovic** - Professor of Belgrade University, Serbia.

**Nikolay Georgievich Maksimovich** - Candidate of Geological and Mineralogical Sciences, Deputy Director for Research of the Natural Science Institute of Perm State University.

## CONFERENCE TRACKS

- History of karst and cave research
- Hydrology and hydrogeology of karst
- Karst and Mineral Resources
- Engineering geology and research in karst areas
- Methods of cave studies and karst zoning issues
- Mapping and GIS technologies
- Excursions and cave utilization
- Protection of caves and karst landscapes
- Other issues of karst and cave studies

## PROVISIONAL CONFERENCE SCHEDULE

### May 28

14:00 - opening of the biographical exhibition dedicated to G. A. Maksimovich.

16:00 - guided tour of Perm including a visit to Maksimovich Street.

### May 29

10:00 - opening ceremony in the conference hall of Perm State University, plenary meeting.

16:00 - departure from the PSU main building to Kungur.

18:00 - arrival to the Stalagmite hotel in Kungur.

19:00 - celebration of the 120th anniversary of G.A. Maximovich's birth.

**May 30** - work of sections, excursion to the Nizhnesylvensk karst area.

**May 31** - work of sections, excursion to the Kungur Ice Cave, celebration of the 110th anniversary of excursion activity.

**June 1** - excursion to the Ordinskaya cave, Belogorsky monastery, departure to Perm.

## OTHER ACTIVITIES

### May 30

Round table on engineering surveys in karst areas.

Scientific workshop on the topographical surveying of caves.

Presentation of the popular science memorial website "Maksimovich. From a mining engineer to the flagship of science".

Masterclass: Acoustic monitoring of chiroptera

**May 31** Scientific workshop on the licensing and operation of caves

## KEY DATES

- applications submission - until March 22, 2024
- paper submission - until March 22, 2024

### Contact information:

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Electronic registration of participants: <https://forms.yandex.ru/u/65b0e45d73cee72f8f59ff34/>

Please indicate the excursions you would like to participate in the registration form.

## CONFERENCE PROCEEDINGS

We plan to publish a collection of the conference proceedings.

Articles, short reports containing information about the caves of the globe, methods of their study, mineralogy and geochemistry of caves, speleotherapy, archaeology, protection and rational use of underground spaces, as well as other materials related to caves will be included in the collection of scientific papers "Caves" №44.

The conference proceedings could be submitted in Russian and English.

Materials should be submitted to the Organizing Committee by March 22, 2024 to [cavekarst2024@yandex.ru](mailto:cavekarst2024@yandex.ru).

The template of materials is attached.

<https://disk.yandex.ru/d/sKZ9EWhNlq6CIA>

## THE FOLLOWING EVENTS ARE PLANNED AS PART OF THE CONFERENCE

You can get acquainted with the world-famous Kungur Ice Cave, which has been an excursion site for 110 years. See the area of carbonate-sulfate karst of the classic Kungurian stage of the Permian system.

Besides the the Kungur Ice Cave you can visit other caves of the region, including the largest underwater cave of the world in sulfate sediments - the Ordinskaya cave.

## CONFERENCE PARTNERS



Research and Education Center  
RATIONAL SUBSOIL USE



ЦЕНТР ИЗУЧЕНИЯ  
И ОХРАНЫ ПЕЩЕР

INTERNATIONAL SHOW  
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