

SAINT PETERSBURG MINING UNIVERSITY

**VIII INTERNATIONAL RESEARCH AND PRACTICE
CONFERENCE**

**INNOVATIONS IN MINING ENTERPRISE
ENGINEERING: GEOMECHANICAL TOOLS IN
PLANNING, DESIGN AND MINING OPERATIONS**



**May 15-17, 2017
Saint Petersburg
Saint Petersburg Mining University**

SAINT PETERSBURG MINING UNIVERSITY



Ladies and Gentlemen!

From May 15 till May 17, 2017, Saint Petersburg Mining University will hold the VIII International Research and Practice Conference ***“Innovations in Mining Enterprise Engineering: Geomechanical Tools in Planning, Design and Mining Operations”***.

Conference history

More than 100 Russian and foreign specialists from leading design and scientific establishments, higher educational colleges and universities, and production companies take part in the annual International Research and Practice Conference ***“Innovations in Mining Enterprise Engineering”***.

The key issues discussed include safety improvement and the development and application of innovative design technologies that provide effective methods for ore, rock and coal mining.

Aims of the conference

- to share experiences in developing and applying geomechanical tools in the process of mine designing and at different stages of mine development;
- to work out a set of measures aimed at reorganizing the Russian community of geomechanical engineers and organizing an ISRM conference in Saint Petersburg in 2018.

Key focus areas of the conference

- Physical and mechanical properties of fractured rocks. Studies of rock properties in laboratory and field conditions.
- Geomechanics and geodynamics of rock mass during the process of mining.
- Geomechanical problems connected with combining surface and underground methods of mining.

- The safeguarding of underground structures while burying radioactive and toxic industrial waste.
- Geomechanical process modeling.
- Analytical and numerical methods in geomechanics.
- The monitoring of geodynamic parameters of rock mass. Monitoring tools and software.
- The geomechanical modeling of deposits with the purpose of designing and tracking mining operations.
- Determining the cost-effectiveness of geodynamic and geomechanical solutions for mine design and planning.

Conference participants

Representatives of Rostekhnadzor, the Main Directorate of State Expertise, The International Society for Rock Mechanics (ISRM), mining companies, as well as leading experts from engineering and scientific institutions and universities of Russia and other countries are expected to participate in the event.

Organizational committee

Chairperson:

Litvinenko V.S. Rector, Professor of Saint Petersburg Mining University

Co-chairpersons:

Dyachenko S.N., First Vice President of the Norilsk Nickel Group

Petr Konicek Vice President of ISRM at large

(Czech Republic)

Charlie C. Li Vice President of ISRM in Europe

(Norway)

Deputy chairperson:

Shabarov A.N. Vice Rector (Director) of the Research Center of Geomechanics and Mining Industry Issues at Saint Petersburg Mining University

Members of the organizing committee:

Carsten Drebenstedt Head of the Department of Open Mining at Freiberg Mining Academy

Heinz Koneitzky Director of the Institute of Geomechanics at Freiberg Mining Academy

Peter Moser Vice Rector of Leoben Mining University

Baranov V.N. Chief Engineer at BHPEnergo

Baryakh A.A.	Director of the Mining Institute of the Ural Branch of the Russian Academy of Sciences
Gaziev E.G.	Chairman of the Russian Association of Geomechanical Engineers;
Gospodarikov A.P.	Vice Rector, Professor of Saint Petersburg Mining University
Kolesnikov G.K.	General Director of the Gipronikel Institute
Kondratenko A.S.	Director of the Mining Institute of the Siberian Branch of the Russian Academy of Sciences
Kornilkov S.V.	Director of the Institute of Mining of the Ural Branch of the Russian Academy of Sciences
Lukichev S.V.	Acting Director of the Mining Institute Of The Kola Science Centre of the Russian Academy of Sciences
Paikin D.I.	Technical Director of Vorkutaugol
Protosenya A.G.	Dean of the Construction Faculty of Saint Petersburg Mining University
Rasskazov I.Y.	General Director of the Mining Institute of the Far East Branch of the Russian Academy of Sciences
Renev E.A.	General Director of SPb-Giproshakht
Salnikov I.V.	Technical Director and Chief Engineer of Apatite, OJSC
Serdyukov A.L.	General Director of Giproruda, OJSC
Sogrin B.B.	Chief Project Engineer of Polymetal Engineering, JSC
Trushko V.L.	Vice Rector for Research, Professor of Saint Petersburg Mining University
Trubetsky N.K.	Deputy Head of the State Mining Supervision Department, Head of the State Ore Mining Supervision Department
Vernigor V.M.	Deputy Head of the Main Directorate of State Expertise
Vorobiev A.G.	Chief Editor of the Ore and Metals Publishing House
Yutyaev E.P.	General Director of SUEK-Kuzbass
Zakharov V.N.	Director of the Institute of Problems of Comprehensive Exploitation of Mineral Resources of the Russian Academy of Sciences
Zubov V.P.	Head of the Department of Mining Engineering at Saint Petersburg Mining University
Zyryanov I.V.	Deputy Director on Scientific Work at the Yakutniproalmaz Institute

Conditions for participants

The registration fee for conference attendees is **7,500 rubles**, which includes participation in the conference program, a conference pack, technical support, providing interpretation at meetings, transfer to the conference location, hotel booking, and VAT.

Participants from Russia should pay the registration fee by bank transfer to the current account of Saint Petersburg Mining University. Participants from other countries should pay the registration fee by bank transfer to the foreign currency account of Saint Petersburg Mining University.

In order to arrange the necessary financial documents, please email your organization's details (the full legal name of the organization, the full name and position of its chief executive, postal and legal addresses, Taxpayer Identification Number, the number of the current account and all other necessary information for the agreement, account and invoice information) to VANoskov87@yandex.ru.

How to submit articles/abstracts

Articles submitted by participants will be published in the conference digest.

Articles which are accepted by the expert reviewers at the Ore & Metals Publishing House will be published in the Mining Journal, which is included in the international Scopus database.

Rules for submission of articles/abstracts

Text in MS Word (Times New Roman, 12 point, single-spaced), one page (for abstracts), A4 format, 25 mm margins on all sides, 1 cm indent at the beginning of each paragraph. Report abstracts should be accompanied with annotations in Russian and English (each no longer than 400 characters). In the text of the abstract, the initials and surname of the author (or co-authors), his/her (their) organization, city, country of residence and email should appear after the title. The use of bullet points and numbered lists is not permitted. Abstracts should clearly set out the issue, the basic results, and the conclusion.

Diagrams should be included in the text. Formulae should be in the Microsoft Equation 3.0 format.

Articles should be formatted in compliance with the requirements and sent to the **Organizational Committee at VANoskov87@yandex.ru by 20 April 2017.**

Important dates

Registration deadline – **01.05.2017** (by email)

Registration fee – to be paid by the start of the conference

Deadline for submitting abstracts – **01.03.2017**

Deadline for submitting articles for inclusion in the conference digest – **20.04.2017** (email and hard copy)

Deadline for submitting requests for hotel reservation – **14.04.2017**

Conference organizers

Deputy Chairman of the Organizational Committee

Konstantin Morozov tel. +7 (812) 328 84 46, k_moroz@rambler.ru

Questions as to the **practical** aspects of the conference, such as

- the program and participants
 - writing, formatting and submission of abstracts and presentations
- should be addressed to **Vladimir Noskov** tel. +7 (909) 588 31 47, VANoskov87@yandex.ru (copy to: post@spmi.ru)

Questions as to the **organizational** aspects of the conference, such as

- completion and submission of conference applications
 - payment of registration fees
 - financial documentation
 - accommodation
 - organization of transfers
 - other issues concerning the stay in St Petersburg
- should be addressed to Head of the Department of Reception and Provision of Services

Alexandra Nikolayevna Kovaleva, tel. +7 (812) 328 86 05, fax +7 (812) 327 69 21

Location

2, 21st Line, St Petersburg, Russia
Saint Petersburg Mining University