



**1st International
Scientific Conference**

**Problems of Geomechanics of Highly
Compressed
Rock and Rock Massifs**

July, 15-22nd, 2019

FIRST BULLETIN

CONFERENCE STATUS

«1st International Scientific Conference « Problems of Geomechanics of Highly Compressed Rock and Rock Massifs» will take place at Far-Eastern Federal University (Vladivostok, Russia) with support of Russian Foundation of Basic Research (RFBR), Institute of Applied Mathematics of Russian Academy of Science Far-Eastern Branch (IAM FEB RAS), Mining Institute FEB RAS.

Conference official languages – Russian and English.

CONFERENCE SUBJECTS

The Conference will offer the floor to discussing advanced theoretical and experimental researches in the field of nonlinear geomechanics and geodynamics, to ensure complete mineral extraction and mining safety.

Basic Topics of Forum:

- Deformation of highly compressed rock and massifs during earthquakes, rock bursts and explosions;
- Rock failure mechanisms in the surrounding rock masses with deep level openings and in the source areas of disastrous events (induced earthquakes, rock bursts, coal and gas outbursts);
- Phenomenological basis and development of theory of zonal failure (zonal disintegration) phenomenon in deep rock masses with tunnels;
- Experimental methods of detection and research of cracking structures of rock and rock masses in the conditions of high compression;
- New methods, measurement instrumentation and monitoring schemes for stress-strain state prognosis and control in rocks;

CONFERENCE ORGANIZERS

Far East Federal University

Russian Foundation of Basic Research (RFBR)

Institute of Applied Mathematics of Russian Academy of Sciences Far East Branch (IAM FEB RAS)

Mining Institute of Russian Academy of Sciences Far East Branch

Primorsky Region Branch of the Russian Academy of Natural Sciences (PRB RANS)

Far East Regional Education and Methodical Centre (FER EMC)

FORUM ORGANIZATION

Co-Chairmens - Guzev M. A., Academician of the Russian Academy of Sciences (Vladivostok, Russia)
Cai Meifeng, Academician of Chinese Academy of Sciences (Beijing, China)
Rasskazov I.Yu., Dr. Tech. Sc. (Khabarovsk, Russia)

Vice-Chairmens - Makarov V. V., Dr. Tech. Sc. (Vladivostok, Russia)
Li Yuan, Professor (Beijing, China)
Samui Pijush, Professor (Patna, India)

Academic Secretariat – Damaskinskaya E. E., PhD, (St.-Petersburg, Russia)
Lyubimova O. N., PhD (Vladivostok, Russia)

PROGRAM COMMITTEE

Baryah A.A., Corr. Member of RAS (Perm, Russia)
Batugin A. S., Dr. Eng. (Moscow, Russia)
Bolikov V. E., Dr. Eng. (Yekaterinburg, Russia)
Cai Meifeng, Academician of Chinese Academy of Sciences (Beijing, China)
Chanyshhev A.I., Dr. Phys.-Math. (Novosibirsk, Russia)
Dight Phil, Professor (Perth, Australia)
He Manchao, Academician (Beijing, China)
Khachaj O. A., Dr. Phys.-Math. (Yekaterinburg, Russia)
Kocharjan G.G., Dr. Phys.-Math. (Moscow, Russia)
Kornilkov S.V., Dr. Eng. (Yekaterinburg, Russia)
Kozyrev A.A., Dr. Eng. (Apatity, Russia)
Leontiev A.V., Dr. Eng. (Novosibirsk, Russia)
Makarov P. V., Dr. Phys.-Math. (Tomsk, Russia)
Nazarova L.A., Dr. Phys.-Math. (Novosibirsk, Russia)
Odintsev V. N., Dr. Eng. (Moscow, Russia)
Oparin V. N., Corr. Member of RAS (Novosibirsk, Russia)
Pan Yishan, Rector (Liaoning, China)
Pellet Frederic, Vice-President of ISRM, Dr. Sci. (Lion, France)
Potvin Yves, Professor (Perth, Australia)
Protosenya A. G., Dr. Eng. (St.-Petersburg, Russia)
Qi Chengzhi, Prof. (Beijing, China)
Qian Qihu, Academician (Beijing, China)
Revuzhenko A.F., Dr. Phys.-Math. (Novosibirsk, Russia)
Ryzhak E. I., Dr. Phys.-Math. (Moscow, Russia)
Sadovsky V. M., Dr. Phys.-Math. (Krasnoyarsk, Russia)
Sashurin A.D., Dr. Eng. (Yekaterinburg, Russia)
Shabarov A. N., Dr. Eng. (St.-Petersburg, Russia)
Shkuratnik V. L., Dr. Eng. (Moscow, Russia)
Stanchits S. A., Prof., Dr. Eng. (Skolkovo, Russia)
Tarasov B. G. Professor (Perth, Australia)
Wesseloo Johan, Professor (Perth, Australia)
Zakharov V. N., Corr. Member of RAS (Moscow, Russia)
Zhao Jian, Prof. (Beijing, China)

ORGANIZING COMMITTEE

Chairman of Organizing committee:

Golokhvast K. S., Dr. Sci., Vice-President for Research.

Vice-Chairman of Organizing Committee:

Bekker A.T., Dr. Sci., Director of Engineering School FEFU.

Members of organizing committee:

Petuchov V.I., Deputy Director of Engineering School on Research;

Fatkulin A.A. - Chairman of FER EMC;

Andreev A.V. - Chairman of PRB Russian Academy of Natural Sciences;

Makishin V.N. - Head of Mining Department FEFU.

WORKING GROUP

Head of Working Group:

Makarov V. V., Dr. Eng., Head of Laboratory

The Deputy Head of working group:

Andreev A.V., PhD, the senior lecturer of Mining Department FEFU.

Svyatuha V.A., scientific secretary IAM FEB RAS

Members of working group:

Posukhova T. A., Leading Expert

Goloso A. M., PhD

Ljubimova O. N., PhD

Opanasiuk N.A., senior lector

Ogorodniy A. A., post-graduate student

Forostovskaya O. N., Leading Engineer

PAPER SUBMISSION:

Prospective authors are invited to lodge an application *in English* (doc., docx or txt. file) to Organizing Committee by **April, 1st**, including:

- ◆ Abstract (within a size range of 300);
- ◆ Authors' data (first name, patronymic, family name, contact e-mail and phone number);
- ◆ Author(s) affiliation (full name of organization and its postal address).

After an abstract has been reviewed and accepted, authors will be informed about that and will be asked to prepare the full paper and Reply Card.

In case of any queries, please contact Organizing Committee:

- ◆ e-mail: conf_vl_ru_cn@mail.ru
- ◆ contact phones and fax of Organizing committee:

Vladimir Svyatuha (tel/fax +7(423) 231 18 56),

Tatiana Posukhova (+7-924-236-79-38),

Andrei Golosov (+7-924-254-19-12).

Organizing committee intends to accept no more than two reports from one participant, thus as the oral one report can be given only.

The Forum news, including instructions for authors for the preparation and format of the full papers, CV and Bio-data of the participants, Forum Program, deadlines and other announcements will be available at: <http://dcdgr.ru>

IMPORTANT DATES

February, 20th – application acceptance;

April, 10th – mailing of the notice to authors of the accepted reports;

May, 10th – reception of reports for the publication in Forum Proceedings. Proceedings are supposed to be published to magazine indexed by Scopus;

June, 15th – placing of the program of Forum on a web site <http://dcdgr.ru/>;

July, 14th – day of arrival;

July 15-22th – registration of participants, the working days of Forum.

VENUE: International Hotel on Russian Island (Campus FEFU)

FEES: Accommodation and traffic payments both charge on participants' own account.

REGISTRATION FEE: Russian residents: 3500 rubles; foreign residents: \$150.

ORGANIZING COMMITTEE ADDRESS

630091, Vladivostok, Russia FEFU,

Engineering School, Ajax, 1, ES

FEFU, Office C-831

Tel +7 (423) 265 24 24 (add. 2165)

E-Mail: conf_vl_ru_cn@mail.ru

Web : <http://dcdgr.ru>