

SCIENTIFIC AND TECHNICAL
UNION OF MINING, GEOLOGY
AND METALLURGY



FEDERATION OF
THE SCIENTIFIC ENGINEERING
UNIONS IN BULGARIA



VIII INTERNATIONAL GEOMECHANICS CONFERENCE

2 – 6 July 2018

International House of Scientists “Fr. J. Curie”
Resort “St. St. Constantine and Elena”, Varna, Bulgaria

Dear Ladies and Gentlemen,

The Bulgarian National Organizing Committee invites scientists, managers, researchers and specialists to the **VIII International Geomechanics Conference**. The conference will take place from 2 to 6 July 2018 in the International House of Scientists "Frederic Joliot Curie", Resort "St. St. Constantine and Elena", Varna, Bulgaria.

This scientific forum will take place for the eighth time in a row which shows its importance and prestige. This year the conference will be focused on the motto "Geomechanics - the basis of mining and construction". The topics cover the whole range of fundamental issues for the formation of stressed and deformed state of the rock mass, research methods for assessment, ecological issues and environment protection. There is a separate thematic area of mine surveying methods which will be included both in the proceedings and the agenda of the conference and it will reflect the achievements in the computer systems for monitoring, management and innovations in the mine surveying technologies.

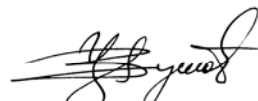
The results from the studies discussed during the conference are a possibility for application of the geomechanical methods related to the development and utilization of the underground space in the mining industry, the construction, the industrial and public buildings, the transport facilities, etc.

Your participation in the forum will increase the scientific significance of the **VIII International Geomechanics Conference** and you will have the possibility to promote your scientific achievements and to establish new personal and business contact.

We are looking forward to seeing you at the beautiful Bulgarian seaside!

Welcome!

Chairman:



Prof. Dr. Tzolo Voutov

Organizers



SCIENTIFIC AND TECHNICAL UNION OF MINING, GEOLOGY AND METALLURGY

FEDERATION OF THE SCIENTIFIC ENGINEERING UNIONS IN BULGARIA

Co-organizers

- University of mining and geology "St. Ivan Rilski"
- University of architecture, civil engineering and geodesy
- National Institute of Geophysics, Geodesy and Geography
- University of Transport "Todor Kableshkov"
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- "Minproekt" JSCo.
- "Minstroy holding" JSCo.
- "Niproruda" JSCo.
- "Hemus - M" JSCo.

With media partners

Journal "Mining and geology"
Journal "Geology and mineral resources"
Newspaper "Rudnichar"
Publishing house "Ore and metals"
Newspaper "Science and society"

Organizing committee

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MSc Eng. Delcho Nikolov Executive director, "Assarel Medet" JSCo

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Prof. Dr. Dragomir Stefanov University of mining and geology "St. Ivan Rilski"

MSc Eng. Dancho Todorov Executive director, "Niproruda" JSCo.

Assoc. Prof. Dr. Stanislav Topalov University of mining and geology "St. Ivan Rilski"

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Topics

1. **Physical and mechanical properties of rocks and structural characteristics of the massif.**
2. **Investigation of the stress condition and strain state of the rock mass.**
3. **Geomechanical provision of mining and civil engineering.**
4. **Mine surveying geodetic and geophysical methods used in geomechanics**
5. **Geomechanical state of explosive and seismic impacts.**
6. **Environment protection in mining and construction activities.**
7. **Education and qualification.**

Instruction to the authors

Abstracts

- Abstracts must be in English and limited to 100 words. Text must be in Arial Narrow, 12 pt, Italic.

Deadline for submission of abstracts – 15. 03. 2018

Papers

- **Volume** – up to 8 standard pages, A4 Format (210x297mm), including figures, tables and references with margins: top – 30 mm, bottom, left and right – 20 mm. Papers will be at one of official languages – Bulgarian, English, Russian;
- **Font** of main text – Arial Narrow, 12 pt., line spacing Single Space.
- **Title** – centered, bold capital letters, 12 pt. Below the title follows names of author/s, address, affiliation, position and E-mail address;
- **Subtitles in text** – centered and underlined;
- **Figures** – black-and white computer graphics placed in the respective position within the text field.
- **Color figures and pictures are not accepted!**
- **Tables** – numbered on the right (font size 10 pts, italic);
- **Formulae** – numbered on the right of the formula (in brackets);
- **Measurement units** – according to the International System of Units (SI);
- **Notes** – marked by stars (*) in text and placed in the bottom of the respective page;
- **References** – the references cited are numbered according to their appearance in the main text and enclosed in brackets [];

Deadline for submission of papers – 30. 04. 2018

Duration of the paper presentation:

- Plenary paper – 15 min.
- Oral presentation – 12 min.

Please send the papers by e-mail in DOC format!

Please specify the topic of the papers.

Forms of participation

- Plenary sessions;
- Exhibition;
- Company presentations;
- Oral presentation;
- Discussions;
- Business meetings.

Official languages

The official languages of the conference will be **Bulgarian, English and Russian**. Simultaneous translation will be provided.

Registration desk

The registration desk will be situated in the lobby of International House of Scientists "Fr. J. Curie", Resort "St. St. Constantine and Elena", Varna, Bulgaria and will be open on 2 July 2018 from 10⁰⁰ to 19⁰⁰ h and will be work along the conference from 09⁰⁰ to 15⁰⁰ h.

Registration fee (EURO)

	Before 15.05.2018	After 15.05.2018
Conference participant	250	300
Accompanying person	100	150
Exhibitor	250	300
Student, PhD student	60	60
Publication of paper *	50	50
Price of conference proceedings	50	50

* **Publication of paper** (50 EURO) must be paid from the participants with more of one paper and also for participants that have publication in the proceeding but have not opportunity to participate in the conference.

The registration fee includes admission to plenary session and exhibition, Proceedings of the conference, Welcome cocktail, coffee break, Gala dinner and 3 lunches (3, 4 and 5 July 2018).

Accompanying person, students and PhD students will not receive the Proceedings of the conference.

The publication fee includes postage.

Students and PhD student must be present an opinion from having academic rank scientists.

Exhibition and advertising

During the conference companies and organizations can advertise their products and activities at an exhibition on the lobby of International House of Scientists "Fr. J. Curie". The fee for the exhibition is 150 EURO/m² (minimum exhibition area - 2 m²).

Advertising during the conference is possible in the form of company presentation – price 30 EURO/min.

Advertising in the Proceedings volume is possible at the cost of 1000 EURO - Color / Format A4.

Hotel accommodation (BGN)

Hotel	Single room	Bed in double room
International House of Scientists "Fr. J. Curie" *** standard	45	30
International House of Scientists "Fr. J. Curie" *** renovating	50	35

The hotel payment will be realized on the hotel reception. The accommodation will be after 14⁰⁰ h.

Payment

Bank transfer at the following accounts:

**Scientific and technical union of mining, geology and metallurgy
VIII International geomechanics conference**

**UniCredit BULBANK
1000, Sofia, BULGARIA
BIC - UNCRBGSF**

* **BGN: BG41UNCR76301022561959**
* **EURO: BG55UNCR76301422597370**

IMPORTANT DATES

Deadline for receipt of abstracts	15. 03. 2018
Deadline for receipt of paper	30. 04. 2018
Deadline for receipt of registration form and paid fees	15. 05. 2018

Address for correspondence:

**Scientific and technical union of mining, geology and metallurgy
BULGARIA, 1000 Sofia, 108, Rakovski Str.**

**Phone/Fax: ++359 2 986 13 79; E-mail: mdgm@fnts.bg ,
nts_mdgm@abv.bg**

Dr. Eng. Kremena Dedelyanova – Secretary General, Scientific and technical union of mining, geology and metallurgy

Dr. Krassimira Arsova – Scientific and technical activities, Scientific and technical union of mining, geology and metallurgy

**www.mdgm.org
www.confgeomech.info/igc**

REGISTRATION FORM

VIII International geomechanics conference

2 – 6 July 2018, International House of Scientists "Fr. J. Curie"
Resort "St. St. Constantine and Elena", Varna, Bulgaria

Title, name and family name

Address.....

Phone:.....Fax:.....E-mail:.....

Accompanying person:.....

I wish to participate: with a paper without a paper
 with an advertisement as an exhibitor on sq. m area

I will accept accommodation for 2, 3, 4 and 5 July 2018

International House of Scientists "Fr. J. Curie" single room, bed in double room
standard
International House of Scientists "Fr. J. Curie" single room, bed in double room
renovating

I have transferred the following amounts:

..... EURO / registration fee
..... EURO / for advertisement
..... EURO / for exhibition m²
..... EURO / for publication of paper

Total: EURO

Bank transfer on the following address:

Scientific and technical union of mining, geology and metallurgy
UniCredit BULBANK
1000, Sofia, BULGARIA
BIC - UNCRBGSF
* BGN: BG41UNCR76301022561959
* EURO: BG55UNCR76301422597370

DATE:2018

SIGNATURE:

The registration form for participation is expected to be submitted to the Organizing Committee by fax
or e-mail to the Scientific and Technical Union of Mining, Geology and Metallurgy:
E-mail: mdgm@fnts.bg



International House of Scientists "Fr. J. Curie"
Resort "St. St. Constantine and Elena", Varna, Bulgaria

НАУЧНО-ТЕХНИЧЕСКИ СЪЮЗ
ПО МИННО ДЕЛО,
ГЕОЛОГИЯ И МЕТАЛУРГИЯ



SCIENTIFIC AND TECHNICAL
UNION OF MINING,
GEOLOGY AND METALLURGY

ФЕДЕРАЦИЯ НА
НАУЧНО-ТЕХНИЧЕСКИТЕ
СЪЮЗИ В БЪЛГАРИЯ



FEDERATION
OF THE SCIENTIFIC ENGINEERING
UNIONS IN BULGARIA