



First Information Letter

V International Conference
«Safety Problems of
Civil Engineering Critical Infrastructures»
Safety2019

dedicated to the 90th anniversary of the Institute of Civil Engineering
and Architecture of URFU

May 21-22, 2019, Ekaterinburg, Russia

Conference organizers:

Ural Federal University named after the first President of Russia B.N.Yeltsin (UrFU);
Ural Branch of the Russian Academy of Sciences, Science and Engineering Center "Reliability
and Safety of Large Systems and Machines" (SEC UB RAS);
Ural Territorial Branch of the Russian Academy of Architecture and Construction Sciences
(UTB RAACS)
South-Ural State University (SUSU), Chelyabinsk;
The European Civil Engineering Education and Training Association (EUCEET – Association).

Conference purpose – integration and coordination of efforts of scientists, experts and specialists in the field of integrated risk analysis related to building interdependent critical infrastructures throughout their life cycle at the international level. Design, fracture mechanics problems, diagnostics, monitoring, maintenance, survivability and optimal management of infrastructure systems issues will be considered in the context of the creation and operation of safe, smart and durable infrastructure systems. Questions of the creation of real conditions and a practical mechanism for an innovative scientific, educational and organizational breakthrough in one of the most important problems of the twenty-first century – safety and sustainable development of cities, regions and worldwide taking into account the human factor. Feedback of such issues on the designing of Master and Postgraduate study programmes.

Organizing Committee:

Chairmen

V.A. Koksharov - UrFU, Rector

Vice-chairman:

A. V. Krupkin – Institute of Civil Engineering and Architecture UrFU, Director

V. N. Alekhin – Institute of Civil Engineering and Architecture UrFU, Deputy Director for Strategic Development and Infrastructure Projects – First Deputy Director, Head of the Department «CAD Systems in Civil Engineering», Professor, Member of Bureau UTB RAACS; Adviser RAACS, Member of the Administrative Council of the Association European Civil Engineering Education and Training – EUCEET;

S. A. Timashev – Science and Engineering Center "Reliability and Safety of Large Systems and Machines" SEC UB RAS, Academic Leader and Principal Scientist; Institute of Civil Engineering and Architecture UrFU, Department «CAD Systems in Civil Engineering», Professor;

Committee members:

L. Boswell– City University, London, Professor, the President of the Association European Civil Engineering Education and Training – EUCEET;

I. Fontanals– OptiCits, Barselona, Spain;

A. Gheorghe – Old Dominion, USA, Professor;

D. Lo Presti – University of Pisa, Professor; the General Secretary of the Association European Civil Engineering Education and Training – EUCEET;

O.N. Priemets – Kazakh Leading Academy of Architecture and Civil Engineering, As. Professor;

P. Akimov – RAACS, Executive Scientific Secretary, Academician RAACS, Professor;

A. A. Antipin – Institute of Civil Engineering and Architecture UrFU, the Department «CAD Systems in Civil Engineering», As. Professor;

Z. V. Beliaeva – Institute of Civil Engineering and Architecture UrFU, Head of the Department «Building structures and soil mechanics»;

E. S. Guryev – Science and Engineering Center "Reliability and Safety of Large Systems and Machines" SEC UB RAS, Scientific Secretary of the Academic Council; Institute of Civil Engineering and Architecture UrFU, the Department «CAD Systems in Civil Engineering», As. Professor;

G.V. Mazaev – UTB RAACS, Chairman, Academician RAACS;

I. N. Maltseva – Institute of Civil Engineering and Architecture UrFU, Deputy Director for International Relations, the Department “Architecture”, As. Professor;

O. V. Mashkin – Institute of Civil Engineering and Architecture UrFU, the Department «Industrial, Civil Engineering and real estate expertise», Senior Lecturer;

O. B. Naschetnikova – Institute of Civil Engineering and Architecture UrFU, the Department «Water management and water technology»;

A. S. Noskov – Institute of Civil Engineering and Architecture UrFU, Head of the Department «Hydraulics», Professor; Adviser RAACS;

L. G. Pastukhova – Institute of Civil Engineering and Architecture UrFU, Deputy Director for Science and Innovation, the Department «Hydraulics», As. Professor;

L. V. Poluyan – Science and Engineering Center "Reliability and Safety of Large Systems and Machines" SEC UB RAS, Director; Institute of Civil Engineering and Architecture UrFU, the Department «CAD Systems in Civil Engineering», As. Professor;

S. V. Pridvishkin – Institute of Civil Engineering and Architecture UrFU, Head of the Department «Pricing in Construction and Industry », Professor; Adviser RAACS;
D. V. Ulrikh – SUSU, Institute of Architecture and Civil Engineering, Director;
A.V. Khrichenkov A.B. – Institute of Civil Engineering and Architecture UrFU, Head of the Department «City Planning and Municipal Engineering»;
N. P. Shiriaeva – Institute of Civil Engineering and Architecture UrFU, Deputy Director for Education, Head of the Department «Heat-, Gas- Supply and ventilation»;

Secretariat of the Organizing Committee

On issues related to organization of the conference, contact Organizing Committee Scientific Secretary, Beliaeva Zoia Vladimirovna
e-mail: isea-safety-2018@yandex.ru

Conference topics:

- 1. Safety technologies for building critical infrastructure and territories**
- 2. Modeling of loads and impacts on building structures and buildings;**
- 3. Problems of viable and smart cities and sustainable development of territories;**
- 4. Energy efficiency and resource saving in civil engineering;**
- 5. Building Information Technology (BIM);**
- 6. Building technologies and materials of innovative type;**
- 7. Education in architecture and civil engineering;**
- 8. Expertise and management in construction;**
- 9. Building engineering systems.**

Conference working languages: **Russian and English.**

The structure of the Conference offers plenary sessions and round tables. Length of reports – 15 minutes, discussion – 10 minutes

General requirements for reports

Reports must be prepared by the means of Microsoft Power Point.

Application and registration

Application for participation in the conference is available at <http://safety-sti.urfu.ru/> or could be sent to: isea-safety-2018@yandex.ru

Publication:

Conference Proceedings will be published as full articles:

- in English in the peer-reviewed journal "IOP Conference Series: Materials Science and Engineering (MSE)" (издательство IOP Publishing Ltd.), indexed by Scopus;
- in Russian in an electronic publication indexed in the RICC science-based database.

The requirements for the content and design of the articles are given in the section "Requirements for reports"

Proceedings of the conference will be distributed electronically among the participants after the end of the conference.

Deadline for submitting reports is **May 12, 2019**.

Texts of articles are accepted in the electronic version by e-mail: isea-safety-2018@yandex.ru

In the subject line write "CONFERENCE, Surname".

After receiving the article are considered by two referees and can be sent to the authors for revision.

Articles sent after the specified date will not be considered and will not be published.

Registration fee

The registration fee for participation in the Conference is 10,000 rubles (if paid before April 20, 2019) or 11,000 rubles (if paid after April 20, 2019) for publication in English (the publication is indexed by SCOPUS) and includes:

- full participation in all meetings;
- the possibility of submitting a plenary (according to the decision of the Organizing Committee of the Conference) or a sectional report;
- Participant's portfolio;
- coffee breaks;
- publication of reports in the peer-reviewed journal, indexed by Scopus
- certificate of the conference participant.

The registration fee for participation in the Conference is 1,500 rubles for publication in Russian (the publication is indexed only by the scientific-scientific base of the RSCI) and includes:

- full participation in all meetings;
- the possibility of submitting a plenary (according to the decision of the Organizing Committee of the Conference) or a sectional report;
- Participant's portfolio;
- coffee breaks;
- publication of reports in an electronic publication indexed in the RSCI;
- certificate of the conference participant.

Payment of registration fee is possible both by a physical person and by a legal entity. Payment of the registration fee must be made only after receiving notification of inclusion of the report in the conference program, but not later than May 15, 2019. We draw your attention to the fact that in the event of non-receipt of the registration fee within a specified period your report will not be published. Payment is made through the PJSC SBERBANK. In order to pay the registration fee of the legal entity it is necessary to issue the contract (*template will be available for download after March 15, 2019*) and send it's scan copy by e-mail to the Organizing Committee. In response you will be sent scanned copies of the signed contract and invoice for payment.

Key dates:

February 01, 2019 – First Information Letter

February 15, 2019 – Start registration and accept applications / paper for participation in the conference on the Website and by e-mail

May 12, 2019 – Deadline for Paper Submission (The Organizing Committee has the right to refuse publication of the paper if it does not meet the requirements of the Conference)

May 15, 2019 – Second Information Letter

May 20, 2019 – arrival, accommodation of conference participants

May 21-22, 2019 – plenary session, round tables

Conference Venue:

**Ural Federal University n.a. first President of Russia B. N. Yeltsin,
19, Mira St., Ekaterinburg**