

Second Information Letter

International Scientific and Practical Conference
“Ensuring seismic safety and seismic stability of buildings and structures, solving applied mechanical problems” dedicated to the 90th anniversary of Academician T.R. Rashidov
May 27-29, 2024, Tashkent, Uzbekistan

The conference program committee develops the scientific program of the conference.

The following sections are presented on conference:

- **Seismic resistance of buildings and structures (theory and experiment)**
Ishankhodzhaev A.A., Khakimov Sh.A., Usarov M.K., Kondratyev V.A., Yuvmitov A.S.
- **Engineering seismology and seismic risk**
Ismailov V.A., Khamidov L.A., Ibragimov R.S.
- **Mechanics of deformable rigid bodies, geotechnics**
Khusanov B.E., Mirzaev I.M., Abdusattarov A.A., Sirozhdinov Z.S., Rasulov R.H.
- **Mechanics of liquid, gas and multiphase media**
Khuzhayorov B.Kh., Navruzov K.N., Khuzhaev I.K., Malikov Z.M.
- **Dynamics and strength of machines**
Mardonov B.M., Bahadirov G.A., Rizaev A.A., Muhammadiev D.M.

The scientific program will include plenary and sectional sessions.

Plenary presentations will be held offline and online form.

Keynote speakers:

1. **Prof. Kuznetsov S.V. (Institute for Problems in Mechanics of the Russian Academy of Sciences, Russia)**

Topic: *Recent earthquakes in Turkey (2023) and Taiwan (2024): Earthquake spectral characteristics, seismic waves, and methods of seismic protection.*

2. **Prof. Uzdin A.M. (Emperor Alexander I St. Petersburg State Transport University, Russia)**

Topic: *Bridges seismoisolation. State of art and application prospects.*

3. **Prof. Pulat Aminzoda (Institute of Geology, Earthquake Engineering and Seismology, Tajikistan National Academy of Sciences, Tajikistan)**

Topic: *Using the PSHA results for assessment at provision of a given aseismic level by current earthquake norms.*

4. **PhD, PE, Shakhzod M. Takhirov (University of California at Berkeley, USA)**

Topic: *Center for Smart Infrastructure at the University of California at Berkeley (USA): a world leader in an integrated approach to improving infrastructure reliability.*

5. Prof. Xakimov Sh.A. (JSC "ToshuyjoyLITI" Uzbekistan)

Topic: *Problems of ensuring seismic safety of modern construction of civil buildings and ways to solve them in urban zones of Uzbekistan.*

6. Prof. Bratov V.A. (Edinburgh Napier University, UK)

Topic: *Generative Algorithms to Identify Optimal Geometric Shapes for a Seismic Protective Structures.*

7. Prof. Bykovtsev A.S. (Regional academy of natural sciences, California, USA)

Topic: *Technology for prediction of strong ground motions with time histories simulation for site locations inside 5 km from the active fault.*

8. Prof. Rudovsky P.N. (Kostroma State University, Russia)

Topic: *Textile packages as a damping element of winding mechanisms of textile machines.*

Keynote lectures up to 30 minutes

Scientific reports in all sections will be provided in presentation form up to 15 minutes for each ones

Registration of conference participants will be held on May 27, 2024 at 70, Yahyo Gulyamov str.

Registration will start at 8³⁰ May 27, 2024

Conference opening ceremony at 10⁰⁰ May 27, 2024

For online speakers and listeners there will be access on the ZOOM platform

All sections will have separate on-line access on conference. Links will be provided on the conference website

Conference proceedings containing reports will be published in electronic (accessible on the conference website) and printed form (at registration for the conference).

The final decision on publication in the collection of conference proceedings will be made based on the conclusions of the reviewers.

The deadline of manuscripts submission via the conference website (MsWord format) is April 25, 2024.

Release of conference schedule and program is **May 15, 2024**

There is **No registration fee for participation on the conference.**

For foreign participants who require a visa, it is possible to apply for one:

In e-form via: <https://e-visa.gov.uz/main>

On Uzbekistan MEA official web site: <https://visa.mfa.uz/site/index?language=en>

The following will be organized for conference participants:

Tour of Tashkent – Tashkent city (05/28/2024)

Tour to Samarkand (05/29/2024)

Please contact for further details and clarifications:

Phones

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E-mail.

instmechofficial@gmail.com –for any questions and inquiries.

Telegram channel – <https://t.me/instmechconf2024>

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Nishonov Nematilla (+99897 781 97 27)

All additional information will be posted on conference web-site <https://www.instmechconf2024.uz/>