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“IPAK YO‘LI” TURIZM VA MADANIY MEROS XALQARO UNIVERSITETI

N.SH.MANSUROVA, A.M.GADAYEV

O'rnatilgan tartibda ko'rib chiqib ijrosi ta'minlansin

Muddat: 2026-yil 20-yanvar

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2026-yil 8-yanvar

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Биринчи проректор

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8 yanvar 2026 yil №**04-05/91**

OLIY TA’LIM MUASSASALARIGA

Hurmatli hamkasblar,

Toshkent davlat transport universiteti tomonidan tashkil etilayotgan “Seysmik xavfsizlik, qurilishni raqamlashtirish va barqaror muhandislik” nomli VIBROINJENERIYA bo‘yicha 76-xalqaro konferensiyada ishtirok etishga taklif qilamiz. Anjuman 2026-yil 28-29-aprel kunlari Extrica nashriyoti bilan hamkorlikda Toshkent davlat transport universiteti, (Toshkent, Temiryo‘lchilar ko‘chasi 1-uy) asosiy binosida o‘tkaziladi.

Mazkur xalqaro anjuman seysmik xavfsizlikni oshirish, qurilishni raqamlashtirish va jahon miqyosida barqaror muhandislik amaliyotlarini joriy etish masalalariga bag‘ishlangan. Ilmiy doiralar, sanoat va davlat muassasalarining yetakchi mutaxassislari infratuzilma chidamliligini kuchaytirish, seysmik xatarlarni baholashni takomillashtirish va qurilishda zamonaviy raqamli texnologiyalarni rivojlantirish yo‘lidagi innovatsion yondashuvlarni muhokama qilish uchun yig‘iladi.

Asosiy mavzular qatoriga zilzilabardosh inshootlarni loyihalash, kuzatuv va erta ogohlantirish tizimlari, binolarni axborot modellashtirish (BIM) va raqamli nusxalash, ilg‘or qurilish materiallari, qayta tiklanadigan va energiya tejamkor muhandislik yechimlari, shuningdek, shahar muhiti sohasida barqaror rivojlanish strategiyalari kiradi.

Qabul qilinadigan materiallar va nashr shartlari: Konferensiyada qabul qilingan va ilmiy ekspertlar tomonidan ko‘rib chiqilgan barcha maqolalar Extrica nashriyotining Vibroengineering Procedia konferensiya to‘plamlarida nashr etilib, Scopus bazasida indekslanadi. Diqqat qabul qilingan maqolalar konferensiya o‘tkazilgandan so‘ng bir oydan so‘ng Scopusda indekslanadi. Noyabr oyida o‘tkazilgan konferensiya to‘plami nashr etilib hozirda xalqaro bazalarga indekslanish jarayonida.

Ishtirok shartlari va to‘lov miqdori: O‘zbekiston Oliy ta’lim muassasalari tomonidan taqdim etilgan maqolalar Transport universiteti tomonidan to‘lov o‘tkazilganda 200 Evro.

Muhim sanalar: Maqolalar topshirish muddati: 2026-yil 1-mart.

Qo‘shimcha ma’lumot uchun bog‘lanish:

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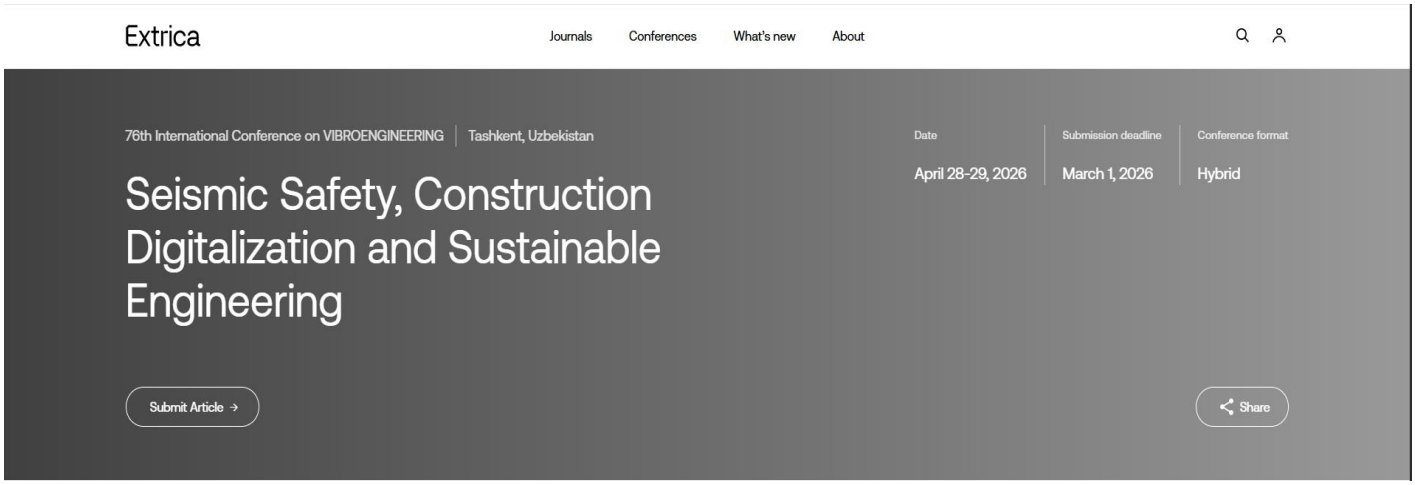
Sizni ushbu ilmiy nufuzli tadbirda kutib qolamiz va hamkorlik qilishdan mamnun bo‘lamiz.

Maqola rasmiylashtirish talablari va axborot xati ilova qilinadi.

Hurmat bilan,

Ilmiy ishlar va innovatsiyalar bo‘yicha prorektor **S.S. Shaumarov**



The 76th International Conference on VIBROENGINEERING is an integral part of the Vibroengineering Series Conferences and will be held at **Tashkent State Transport University**, Tashkent, Uzbekistan, on **April 28–29, 2026**.

This international conference is dedicated to advancing seismic safety, construction digitalization, and sustainable engineering practices worldwide. Leading experts from academia, industry, and government institutions will convene to discuss innovative approaches that enhance the resilience of infrastructure, improve seismic risk assessment, and promote the use of modern digital technologies in construction. Key topics include seismic-resistant design, monitoring and early-warning systems, BIM and digital twins, advanced construction materials, renewable and energy-efficient engineering solutions, as well as sustainable development strategies for the built environment.

The event aims to foster interdisciplinary collaboration, support cutting-edge research, and accelerate the implementation of safer, smarter, and more sustainable engineering solutions for the future.

The conference provides a global platform for researchers, scientists, engineers and practitioners to showcase their latest research results, stimulate debate, generate fresh concepts and foster collaboration. Vibroengineering Procedia is included in major scientific databases such as Scopus, EI Compendex, Gale Cengage, Google Scholar and EBSCO. Vibration Engineering conferences include various cutting-edge technical presentations, lively discussions, and worldwide participation from renowned experts and scientists. The conference provides an opportunity to share recent advances in research, exchange ideas on cutting-edge engineering technologies, and take advantage of extensive networking opportunities.

All accepted papers will be published in **Vibroengineering Procedia**, which is indexed in major scientific databases such as **Scopus**, **EI Compendex**, **Gale Cengage**, **Google Scholar**, and **EBSCO**. The Vibroengineering Series Conferences are known for their cutting-edge technical presentations, dynamic discussions, and worldwide participation from renowned experts and scientists.

This event is an exceptional opportunity to share recent advances in research, exchange ideas on state-of-the-art engineering technologies, and take advantage of extensive networking opportunities with professionals from around the globe.

Major Topic: **Seismic Safety, Construction Digitalization and Sustainable Engineering**

Conference Topics include (but are not limited to):

- Mechanical vibrations and applications
- Fault diagnosis based on vibration signal analysis
- Seismic engineering and applications
- Vibrations in transport engineering
- Vibration control, generation, and harvesting
- Acoustics, noise control, and engineering applications
- Flow-induced structural vibrations
- Modal analysis and applications
- System dynamics in manufacturing system modelling
- Materials and measurements in engineering
- Mathematical models in engineering
- Vibration engineering
- Robotics and mechatronics
- Vibration problems in smart transportation systems and logistics
- Energy (topics related to vibroengineering)
- Artificial Intelligence and Machine Learning in vibroengineering
- Signal processing and electronic circuits (topics related to vibroengineering)
- Electronics and power systems (topics related to vibroengineering)
- Data analysis and visualization (topics related to vibroengineering)
- and other

The deadline for paper submission is March 1, 2026.

You have the opportunity for expedited publication in a journal indexed by **Scopus**. Following the conference, the proceedings will be processed, and publication in Scopus is expected approximately one month after the event.

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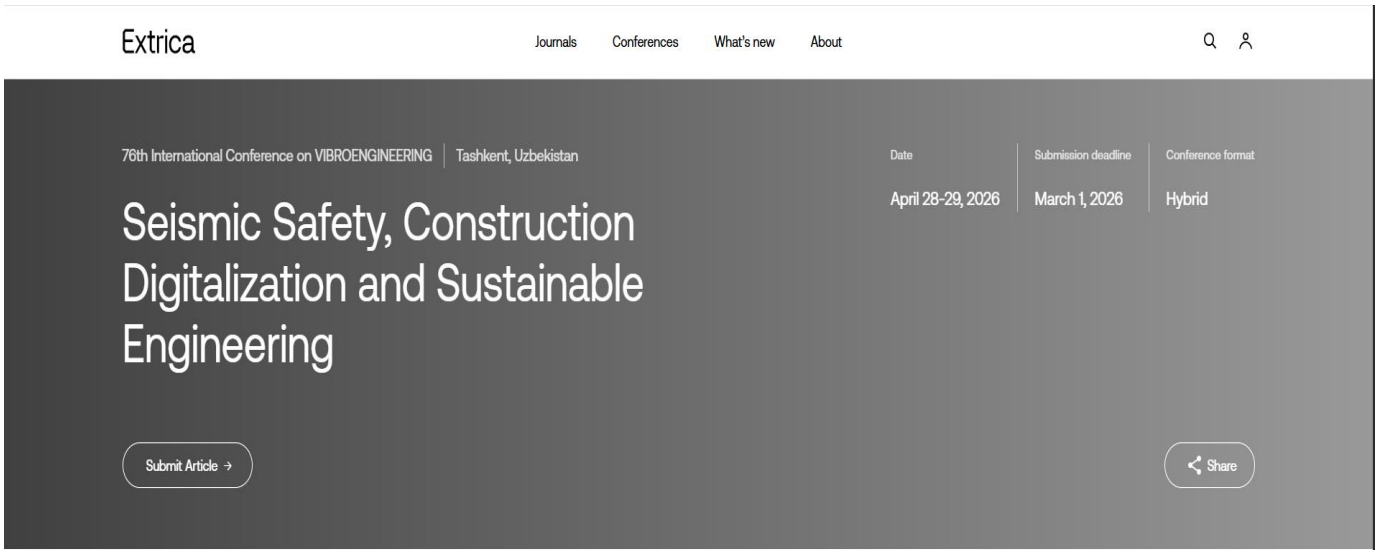

76-я Международная конференция по виброинжинирингу является неотъемлемой частью серии конференций *Vibroengineering Series Conferences* и пройдет в **Ташкентском государственном транспортном университете**, Ташкент, Узбекистан, **28–29 апреля 2026 года**.

Данная международная конференция посвящена вопросам повышения сейсмобезопасности, цифровизации строительства и внедрения устойчивых инженерных практик на глобальном уровне. Ведущие эксперты из академических кругов, промышленности и государственных учреждений соберутся для обсуждения инновационных подходов, направленных на повышение устойчивости инфраструктуры, совершенствование оценки сейсмических рисков и продвижение современных цифровых технологий в строительстве.

Ключевые темы включают проектирование сейсмостойких сооружений, системы мониторинга и раннего предупреждения, информационное моделирование зданий (BIM) и цифровые двойники, передовые строительные материалы, возобновляемые и энергоэффективные инженерные решения, а также стратегии устойчивого развития в сфере городской среды.

Цель конференции — способствовать междисциплинарному сотрудничеству, поддержке передовых исследований и ускоренному внедрению более безопасных, интеллектуальных и устойчивых инженерных решений будущего.

Конференция предоставляет международную платформу для исследователей, учёных, инженеров и практиков с целью представить результаты последних исследований, стимулировать дискуссии, генерировать новые идеи и развивать сотрудничество.

Материалы конференции публикуются в журнале **Vibroengineering Procedia**, который индексируется в крупнейших научных базах данных, таких как **Scopus, EI Compendex, Gale Cengage, Google Scholar и EBSCO**. Конференции по виброинженерии включают передовые технические доклады, живые дискуссии и широкое участие международных экспертов и ученых. Это мероприятие представляет собой отличную возможность для обмена научными достижениями, обсуждения современных инженерных технологий и установления профессиональных связей.

Это мероприятие станет уникальной возможностью поделиться последними научными достижениями, обменяться идеями о новейших инженерных технологиях

и воспользоваться широкими возможностями для профессионального общения с коллегами со всего мира.

Основная тема: ***Сейсмическая безопасность, цифровизация строительства и устойчивая инженерия***

Темы конференции включают (но не ограничиваются):

- Механические вибрации и их применение
- Диагностика неисправностей на основе анализа вибрационных сигналов
- Сейсмическое инженерное дело и его приложения
- Вибрации в транспортном машиностроении
- Управление вибрациями, их генерация и утилизация энергии
- Акустика, шумоподавление и инженерные приложения
- Вибрации, вызванные потоками в конструкциях
- Модальный анализ и его применение
- Динамика систем в моделировании производственных процессов
- Материалы и измерения в инженерии
- Математическое моделирование в инженерии
- Виброинжиниринг
- Робототехника и мехатроника
- Вибрационные проблемы в интеллектуальных транспортных системах и логистике
- Энергетика (темы, связанные с виброинжинирингом)
- Искусственный интеллект и машинное обучение в виброинжиниринге
- Обработка сигналов и электронные схемы (темы, связанные с виброинжинирингом)
- Электроника и энергетические системы (темы, связанные с виброинжинирингом)
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- и другие

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Keywords: in lowercase letters, are separated, by commas, and ends with a dot.

1. Introduction

Main text Font: Times New Roman, Font size: 10, Font style: Regular, Paragraph Justified and first line indented by 5 mm. For other formatting parameters please refer to Table 1.

Headers of the sections must be numbered (except abstract, keywords, nomenclature, acknowledgements, and references).

Authors should NOT use **page or section** breaks in the document of the article.

1.1. Tables

Caption of the table must start with table number 9 pt **Bold** as "**Table 1.**", then further text 9 pt Regular. Table itself must be 9 pt Regular. Table caption must be placed above the table.

Table 1. Basic size and style requirements

Text location	Font	Font size	Font style	Numbering
Main text	Times New Roman	10 pt	Regular	
Headings	Times New Roman	10 pt	Bold	1.
Table Caption	Times New Roman	9 pt	Bold. Regular	Table 1.
Table Content	Times New Roman	9 pt	Regular	
Figure Caption	Times New Roman	9 pt	Bold. Regular	Fig. 1.
Equations	Cambria math or Times New Roman	10 pt		(1)
References	Times New Roman	9 pt	Regular. Italic	[1]
Biographies	Times New Roman	9 pt	Bold Regular	

1.2. Figures

Caption of the figure starts with figure number 9 pt **Bold** as "**Fig. 1.**"; further must be 9 pt Regular. Figure caption must be below the figure. To organize multiple charts of the same figure use table with no borders as illustrated in Fig. 2.

Color figures accepted. Bitmap figures should be at least 300 dpi. Vector graphics accepted. Image/chart itself must be a **single** graphical object inserted into the document of the paper. There must be no separate graphical elements **(text boxes, arrows, line segments, etc.)** on the figure. Office charts and drawings are not acceptable. Text in the figure should be not too small and lines should be not too thin. Picture layout must be in line with text.

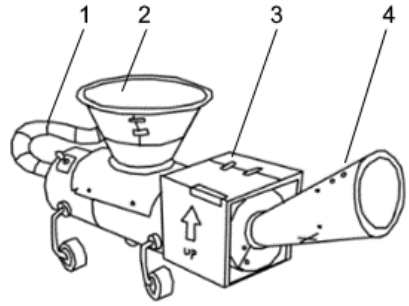
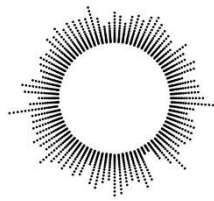


Fig. 1. A schematic diagram of a vibration separator:
1 – hose; 2 – input silo; 3 – processing box; 4 – output nozzle



a) Left chart

b) Right chart

Fig. 2. Example of figure consisting of multiple charts

1.3. Equations

Equations (formulas, mathematical expressions) are preferred to be written in Microsoft Office 2007 or higher Equation Editor. If that is not possible, use MathType. The following style is required: *symbols Italic*, **vectors Bold**, numbers and functions Regular.

Equations must be numbered sequentially and the equation number in parentheses should be placed near the right edge. For the example of equation and suggested formatting, please refer to Eq. (1):

$$m\ddot{x} = (p - p_a)F - c_1 x - c_2 \dot{x} - P, \tag{1}$$

where equation is inside the table with no borders.

Parentheses and numbers in equations as well as units of measurement should be Regular format: x = 1 m, F = 1 N.

2. Referencing

References should be cited as follows [1], [2]-[5], [6], [7] and numbered consecutively in the order of their first citation.

Figures, tables, and equations are placed after the paragraph in which they are first referenced. Figures, tables, and equations should be cited as follows: Fig. 1, Figs. 1-2, Fig. 1(a), Table 1, Eq. (1), Eq. (2-3), etc.

3. Conclusions

The authors are recommended to see the recent issue of the journal and prepare the manuscript in the due style. The authors are responsible for the correctness of the English language.

Acknowledgements

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Contributor role	Role definition
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Data Curation	Management activities to annotate (produce metadata), scrub data and maintain research data (including software code, where it is necessary for interpreting the data itself) for initial use and later reuse.
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Methodology	Development or design of methodology; creation of models
Project Administration	Management and coordination responsibility for the research activity planning and execution.
Resources	Provision of study materials, reagents, materials, patients, laboratory samples, animals, instrumentation, computing resources, or other analysis tools.
Software	Programming, software development; designing computer programs; implementation of the computer code and supporting algorithms; testing of existing code components.
Supervision	Oversight and leadership responsibility for the research activity planning and execution, including mentorship external to the core team.
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Research involving living organisms shall contain a Ethics Statement, specifying:

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[5] W. Soedel, *Vibrations of Shells and Plates*, 2nd ed. New York: Marcel Dekker Inc., 1993.
[6] M. Morgantini and R. Betti, "The inner product vector as an output-only cross-correlation-based feature to structural damage assessment," *Journal of Vibroengineering*, vol. 22, no. 6, pp. 1373–1398, 2020, https://doi.org/10.21595/jve.2020.21373.
[7] Z. Zhou, H. L. Fu, and L. Li, "Theoretical solution of bearing capacity of shallow circular foundation," (in Chinese), *Journal of Changsha Railway University*, vol. 20, no. 3, p. 12-16, 2002.
[8] A. De Luca, G. Oriolo, and P. Robuffo Giordano, "Kinematic control of nonholonomic mobile manipulators in the presence of steering wheels," in *2010 IEEE International Conference on Robotics and Automation*, 2010, pp. 1792–1798, https://doi.org/10.1109/robot.2010.5509570.