



UNIVERSITY OF ZENICA

UNIVERZITET U ZENICI

Faculty of Mechanical Engineering

Mašinski fakultet

ODRŽA VANJE 2026

**9. NAUČNO – STRUČNA
KONFERENCIJA SA
MEĐUNARODNIM UČEŠĆEM**

**9. TH RESEARCH – EXPERT
CONFERENCE WITH
INTERNATIONAL PARTICIPATION**

MAINTENANCE 2026

**Zenica, Bosnia & Herzegovina
10th and 11th December 2026.**



**Faculty of Mechanical Engineering – University of Zenica
(Bosnia and Herzegovina)**

In cooperation with:



Ministry of Economy of Zenica – Dobož Canton (Bosnia and Herzegovina)



Faculty of Maritime studies Kotor – University of Montenegro (Montenegro)



Faculty of Engineering, Harran University Şanlıurfa (Türkiye)



Faculty of Technical Sciences – University of Novi Sad (Serbia)



Mechanical Engineering Faculty – University of Slavonski Brod (Croatia)



Faculty of Engineering DICLE University Diyarbakir (Türkiye)



**Faculty of Mechanical engineering of University “Džemal Bijedić” Mostar
(Bosnia and Herzegovina)**



WE KINDLY INVITE YOU

**to the 9th research-expert conference with
International participation**

ODRŽAVANJE 2026 **MAINTENANCE 2026**

Zenica, Bosnia and Herzegovina, 10th and 11th December 2026.

**CONFERENCE VENUE:
University Amphitheater,
Fakultetska 3., Zenica**





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IMPORTANT DATES

Submission of abstracts	15th of September 2026.
Notice of acceptance of abstracts and Instructions for the preparation of papers	22th of September 2026.
Submission of the full paper	2th of November 2026.
Registration fee payment	5th of November 2026.
Final programme	25th of November 2026.

Preparation of abstracts and papers: In English or one of the languages of the Western Balkans region

CONFERENCE TOPICS

The conference will work in the following way: plenary presentations with panel discussion (introductory and invited papers for contemporary current topics), symposium (papers on the topics of the meeting) and, if necessary, workshops (working meetings).

All potential authors are informed that they can prepare papers from the following thematic areas:

1. Maintenance strategies and management
2. Reliability and diagnostics of technical systems
3. Digitalization of maintenance and Industry 4.0
4. Predictive maintenance and artificial intelligence
5. Energy systems maintenance
6. Industrial systems maintenance
7. Maintenance logistics and organization
8. Education and development of maintenance personnel
9. Infrastructure and facilities maintenance
10. Environmental protection, safety and maintenance

The presentation of papers will be possible in real and on-line format.

CONFERENCE FEE

The conference fee for authors and participants is 150,00 EUR . For master's and doctoral students the conference fee is 75,00 EUR. The conference fee include: conference proceedings and accompanying materials, admission to all of the sessions and presentations, refreshments, and welcome drink.

Proceedings are included in EBSCO database.



BRIEFLY ABOUT ZENICA

It is not easy to describe Zenica. A city of laboratories in the land of eternal experiments. The overworked beauty of the landscape degraded by industry, which in exchange for beauty and health provided security of work and survival. It will be shown, however, that neither work nor survival is completely dependent on that industry. Because, even when its fires were extinguished, life continued, mercilessly and inexorably like fate. And it was okay to live without her. Just like our ancestors did. A choice had to be made. Without a factory, or with it reduced to a real measure and the inexorable numbers of simple balance sheets that manage the scales of what is spent and what is earned. The factory has marked Zenica too much for them to give it up. But at the same time, we should not have allowed it to obscure our horizon with its size and cloud the colorfulness of still unexplored possibilities. In other words, Zenica woke up from the dream in which she fell in the giant's arms, but also from the dream from which the tight grip of that Goliath did not allow her to explore the big colorful world around her. Zenica is a city of moderate and pleasant proportions, neither too big to stifle closeness between people, nor too small to reduce the possibility of choice. Splashed by the waters of its three rivers, like an ever-washed girl, Zenica offers the pleasure of being, even when the unbearable heat burns elsewhere, the wind blows or the torrents begin to swell and carry everything before them. Zenica is also a city of safety. They took refuge from the wars in the safety of Zenica, here many people in trouble found refuge and started a new life. We are proud of that, because the civility of the community is reflected in the city, and our city has shown both humanity and civility in difficult times.

Before World War II, the city had 15,000 inhabitants, in the 1990s it had 145,000 inhabitants, and today it has about 130,000. In the structure of the population of Zenica, members of different nations, cultures, religions and customs connected by deep traditions of harmonious life are registered. Zenica is a city located in the basin of the Bosna River at an altitude of 316 meters above sea level. It is the economic center of Bosnia and Herzegovina. Zenica is 70 kilometers from Sarajevo, to the north, along the Bosna river valley. The nearest airport is in Sarajevo, which can be reached by road along the Bosna river via Stupska petlje. Area 505.4 km². Latitude and longitude 44° 12' and 17° 56'. Altitude 316 m.



BRIEFLY ABOUT UNIVERSITY OF ZENICA

The history of higher education in Zenica begins in 1959, when the Higher Technical School of Metallurgy was founded. During 1959 and 1960, intensive work was done on the establishment of the faculty, and with the decision of the People's Committee of the Zenica County and the confirmation of this decision by the Executive Council of the PRBiH in 1961, the Technical College grew into the Faculty of Metallurgy in Zenica as part of the University of Sarajevo. The next step in the development of scientific thought and the development of higher education in Zenica was the founding of the Metallurgical Institute "Hasan Brkić" (now "Kemal Kapetanović") on October the 1th of 1961. The establishment of the second faculty in Zenica was awaited until 1977. On March 31 of that year, by the decision of the Workers' Council of the Association of Basic Organizations of the Zenica Ironworks and the Zenica Municipality Assembly on the separation of specialist mechanical departments at the Faculty of Metallurgy in Zenica into an independent faculty, the Faculty of Mechanical Engineering in Zenica was established. For a number of years, the two mentioned faculties were the backbone of higher education in Zenica, and they trained a large number of professionals who were the mainstay of industry in the Zenica area and beyond. In accordance with the needs of the development of science and its practical application at the Faculty of Mechanical Engineering, the Department of Mechanical Engineering was established in 1981, which in 1989 grew into the Institute of Mechanical Engineering of the Faculty of Mechanical Engineering in Zenica. In the period of 1992., departments of the faculties of Sarajevo were opened in Zenica (Economy, Law, ...), but these departments did not last, so they were soon closed. At the beginning of 1992. in Bosnia and Herzegovina, a very difficult period began for higher education in Zenica, as well as for society as a whole. Basic existential conditions were threatened, and a large number of students and teaching staff actively joined the defense of the homeland. However, despite all the problems, higher education institutions in Zenica do not stop working. What's more, new departments, faculties and academies are being established. For a time, outpost departments of the Faculty of Electrical Engineering and Medicine from Tuzla, then the department of criminology studies, etc., operated in Zenica. After the end of the war, all the aforementioned departments stopped working. By decision of the Presidency of the Republic of Bosnia and Herzegovina, and in accordance with the very expressed need for classroom teachers, teachers in the widest area of Bosnia and Herzegovina, on March 10, 1994. In Zenica, the Pedagogical Academy was founded within the University of Sarajevo. Parallel to the founding of the Pedagogical Academy, the Islamic Pedagogical Academy was founded in Zenica, and the final decision on its foundation was made by the highest body of the Islamic Community in Bosnia and Herzegovina on September 30, 1993. In addition to the aforementioned departments and academies in Zenica, the departments of the Faculty of Economics and Law from Sarajevo also started working, and as the need for educated professionals in these fields grew, these departments are still operating today. Zenica also includes the Public Library with a reading room and its departments, whose literature from the professional collection is available to all students of Zenica's faculties. The University of Zenica was established on October 18, 2000 by the Decision of the Assembly of the Zenica-Doboj Canton. Today, the University of Zenica has 10 organizational units (8 Faculties + Institute 'Kemal Kapetanović' + Student Center), 50 departments, 35 study programs of the first cycle, 33 study programs of the second cycle and 10 study programs of the third cycle. The number of students is about 4,000. The vision and mission of the University is directed, through the areas of student education in all III study cycles, the scientific research area and connection with public institutions and the economy, to the achievement of an internationally recognizable brand through activities: development, quality promotion, staff development, intensification of international cooperation and mobility. teachers, associates and students, participation in international projects, lifelong learning, strengthening of university infrastructure, etc.

BRIEFLY ABOUT THE TRADITION OF THE ‘CONFERENCE’

The ‘MAINTENANCE’ conference has a tradition of being held since 2010 and so far, every other year, 8 previous conferences have been held continuously. At the previous 8 conferences, appreciating the contribution of all those who deserve it, more than 600 papers were submitted by more than 700 authors. All papers, by the way, are subject to an adequate review procedure. Published and presented papers at this conference are printed in the Proceedings, which has its own printed and electronic version.

(<http://www.odrzavanje.unze.ba/zbornici/index.php>).

The Proceedings of the ‘MAINTENANCE’ Conference are included in EBSCO Host Engineering Source.

Organized by the Faculty of Mechanical Engineering of the University of Zenica with partner institutions: the Ministry of Economy of the Zenica-Doboj Canton, the Faculty of Maritime Studies of the University of Montenegro, the Harran Faculty of Engineering of the University of Şanlıurfa in Turkey, the Faculty of Technical Sciences of the University of Novi Sad, the Faculty of Mechanical Engineering of the University of Slavonski Brod, the Faculty of Engineering of the DICLE University of Diyarbakır in Turkey and the Faculty of Mechanical Engineering of the University ‘Džemal Bijedić’ in Mostar, the 8th scientific and professional conference with international participation ‘MAINTENANCE 2026’ is planned to be held this year in Zenica.

THE GOALS OF THE CONFERENCE are: gathering experts who deal with the maintenance of work equipment from various aspects and their structural organization, communicating the results of research in the field of maintenance, both theoretical and practical, exchanging experiences from practical maintenance activities, transferring knowledge from the field of maintenance, stronger connection of the academic and business sectors.



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**FACULTY OF MECHANICAL ENGINEERING
UNIVERSITY OF ZENICA
(BOSNIA AND HERZEGOVINA)**



In cooperation with:



**Ministry of Economy of Zenica-Doboj Canton
(Bosnia and Herzegovina)**



	Faculty of Engineering, Harran University, Şanlıurfa (Türkiye)	Faculty of Maritime Studies Kotor - University of Montenegro (Montenegro)	
	Faculty of Engineering DICLE University Diyarbakir (Türkiye)	Faculty of Technical Sciences - University of Novi Sad (Serbia)	
	Faculty of Mechanical engineering of University “Džemal Bijedić” Mostar (Bosnia and Herzegovina)	Mechanical Engineering Faculty – University of Slavonski Brod (Croatia)	

9th RESEARCH-EXPERT CONFERENCE WITH INTERNATIONAL PARTICIPATION „MAINTENANCE 2026”
Zenica (Bosnia and Herzegovina), December 10. and 11., 2026.

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REGISTRATION FORM

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Title of the paper/abstract:					
Authors: Note: <i>Please, bold or highlight the corresponding author</i>		Name	Surname	Institution	e-mail address
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TOPIC: <i>Please, write down the number of an appropriate topic to Your paper</i>	1. Maintenance strategies and management 2. Reliability and diagnostics of technical systems 3. Digitalization of maintenance and Industry 4.0 4. Predictive maintenance and artificial intelligence 5. Energy systems maintenance 6. Industrial systems maintenance 7. Maintenance logistics and organization 8. Education and development of maintenance personnel 9. Infrastructure and facilities maintenance 10. Environmental protection, safety and maintenance				

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