

The city of Niš



The city of Niš is situated in the valley of the Nišava river. It is situated at the 43°19' latitude north and 21°54' longitude east. The central city area is at 194 m altitude above sea level. The climate of the Niš area is moderate, continental. Niš is one of the oldest cities in the Balkans. It is the third largest city in our country and has 260.000 inhabitants. Placed at the crossroads, Niš connects Europe to the Near East. Niš occupies the crossroads of the most important Balkan and European traffic lines. These roads have been widely known from ancient times, because they represented the beaten tracks along which peoples, goods and armies moved, known as 'Via Militaris' in Roman and Byzantine periods, or 'Constantinople road' in Middle Ages and the period of Ottoman Empire.

Nowadays, Niš belongs to developed cities in Serbia and it is an industrial, university and tourist center of national importance. As a transportation hub of major European roads and rail routes, with an airport, it is easily accessible from all directions. With the University founded in 1965 and consisting of 14 faculties and 25.000 students, Niš is at the same time natural, social, economic, educational, medical, cultural and sport center of southeast Serbia.

Niš is one of the oldest European cities, according to numerous prehistoric finds on the territory of the city and the birthplace of the famous Roman emperor Constantine the Great who issued the Edict of Milan in 313 embracing Christianity as the official religion of the Roman Empire.

Besides numerous national and international cultural and sport manifestations, many scientific and expert conferences being organized from different fields have already become as a part of Niš tradition.

For more information on Niš, please visit website:

<http://www.visitnis.org/>

Organizing Secretariat

RAILCON '24

Faculty of Mechanical Engineering

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Conference information

XXI Conference RAILCON '24 will be held in Niš, Serbia, on October 10 – 11, 2024.

The official language of the Conference is English.

Important dates

01.04.2024	Abstracts submission
15.04.2024	Notification of abstracts acceptance
01.07.2024	Print ready papers submission
01.10.2024	Participation submission

Abstracts, Paper and Participation Submission

Participation of the Conference can be either with or without a paper. In the case of participation with a paper it is firstly necessary to submit an abstract proposal. Authors of accepted abstracts will be invited to submit their print ready papers. Papers with positive reviews will be included in the Conference Program. Papers for which registration fees are paid will be published in the Conference Proceedings. Selected presented papers will be published in the Journal of the Faculty of Mechanical Engineering University of Niš: **Innovative Mechanical Engineering** (<http://ime.masfak.ni.ac.rs>).

**One participant can participate in the Conference
with maximum two papers**

Registration fee

The registration fee for the Conference is **14.000 RSD (~120 €)**.

Note: amount of the registration fee is without VAT (20%).

Potential sponsors/cofinanciers

RAILCON Conference is a good opportunity for industry companies to promote their products and services to Serbian railway market since this is a rare occasion where representatives from all state companies as well as private enterprises are gathered at one place. We invite interested potential sponsors to agree on an appropriate model of sponsorship.

UNIVERSITY OF NIŠ



FACULTY OF MECHANICAL
ENGINEERING

**INTERNATIONAL
XXI SCIENTIFIC-
EXPERT CONFERENCE
ON RAILWAYS**

RAILCON '24



October 10 - 11, 2024
Niš
Serbia

FIRST CALL

As organizers of RAILCON series of conferences, we cordially invite you to participate in XXI International Scientific-expert Conference on Railway RAILCON '24, which has been traditionally organized by Faculty of Mechanical Engineering, University of Niš, Serbia.

The RAILCON is continuing the tradition for the twenty-first time. As in previous years, the RAILCON hopes to gather scientists, experts and stakeholders from the region, to observe the ongoing changes in developed railways and suggest directions for further railway development in the region.

The topics that will be considered during the Conference cover a wide and interdisciplinary range of subjects including but not limiting to rolling stock, traffic, infrastructure, maintenance, informatics, economics, strategy and politics.

During the RAILCON '24 a specialized exhibition and marketing presentations will be organized for potential exhibitors that want to present their products and services to the Conference participants.

As Railways have an inherent advantages in terms of environmental performance, land use, energy efficiency and safety, strengthening the role of railway – both passenger and freight – in the transport system is an important goal. The aim of the RAILCON '24 is to contribute to more attractive, competitive, affordable, efficient and sustainable European rail system, integrated into the wider mobility system. The railway must further enhance its performance through innovation as major tool to solve current and future problems in the railway sector.

We are looking forward to seeing you in Niš. As in previous Conferences, we will do our best to offer you an interesting programme and we hope that you will actively contribute by interesting papers and presentations.

Organizing Committee
of the XXI Scientific-expert Conference on Railway
RAILCON '24

**Please forward this notification and
information about the Conference
RAILCON '24 to others who might be
interested as well!**

Topics

1. Rolling Stock

(design, development, producing, testing, modeling, simulating, controlling, reconstructing, upgrading, safety, energy efficiency, ecology)

2. Traffic and Transport

(freight, passenger, combined, urban, suburban, logistic, trans-shipment, operators, operation, organization, planning, marketing, services, operating safety, automation)

3. Infrastructure

(design, reconstruction, upgrading, electrification, power supply, management, control, digitalisation, communications, information systems, safety, energy efficiency, ecology)

4. Vehicle and Infrastructure Maintenance

(diagnostic, predicting maintenance, monitoring systems, maintenance technologies, reliability, quality control)

5. Strategy and Policy

(relations between State and Railway, economic, ecological, energy aspects, sustainability, finance, international regulations, investments, supplies, rationalization, restructuring, management, marketing, education, integration, public service obligation)

6. Other Railway Aspects

(that does not belong to the previously defined topics but refers to Railway)

7. The Graduates and the Future of Railway

(student presentations of successful Theses from the field of Railway)

You are suggested to look for current information about the Conference on the website:

<http://railcon.rs/>

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