

2024

18 - 20 September, 2024.

Hotel Tonanti, Vrnjačka Banja, Serbia

INTERNATIONAL SYMPOSIUM

OF THE ASSOCIATION OF STRUCTURAL ENGINEERS OF SERBIA - ASES

The Organizing Committee:

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The Scientific Committee:

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OTHER CONGRESS ACTIVITIES

- 1 **The Charter** for Lifetime Achievement assignment to the outstanding creators in the field of structural engineering;
- 2 **Awards** assignment for the best scientific and technical achievements in the field of structural engineering for 2022 and 2023;
- 3 **Round table** discussion about the most interesting topics for structural engineering in Serbia

Accompanying program

- 1 Special session with presentations of research ideas of doctoral students; the best ideas judged by the audience and experts will be awarded;
- 2 Exhibition of books, computer programmes, new materials, construction solutions and other technical and technological achievements by domestic and international companies;
- 3 Exciting touristic programme on 21st September for all interested participants of the Congress as well as for the accompanying person.

MAIN TOPICS IN STRUCTURAL ENGINEERING

1. Theoretical and experimental research
2. Calculation and modelling of structures
3. Aseismic design and construction
4. New materials and construction technologies
5. Information and BIM technologies in construction
6. Design and execution of structures
7. Assessment, rehabilitation and reconstruction of the existing building structures

OPENING LECTURES

Opening lectures will be held by remarkable domestic and foreign scientists and professionals with very current topics in the field of structural engineering:

• Stephen James

Bridge designer, StephenJames architects, London

• Dr Snežana Marinković

Professor of Concrete Structures and Environmental Engineering, Faculty of Civil Engineering, Belgrade

• Dr Marko Pavlović

Assistant professor of Steel and Composite Structures, TU Delft

• Dr Vitomir Racić

Professor of Vibration Engineering, Faculty of Civil Engineering, Belgrade

• Dr Radenko Pejović

Professor, Expert in repairs and reconstructions, University of Montenegro

IMPORTANT DATES:

- **01.04.2024.** Submission of abstract
- **06.05.2024.** Acceptance of abstract
- **24.06.2024.** Submission of full papers
- **02.08.2024.** Information about acceptance of paper

Registration and paper submission (in Serbian or English) will be available through the Association's website <http://dgks.grf.bg.ac.rs>
Papers that are not being made in accordance with the instructions will be returned to authors for additional correction.

8. Technical regulations - Eurocodes for structures
9. Maintenance and durability of structures
10. Foundation engineering and geotechnics
11. Design management
12. Environmental impact of construction
13. Application of the circular economy principles in structural engineering

REGISTRATION

Registration fee: 200 EUR

(students of master and doctoral courses as well as young engineers up to 30 years 100 EUR)

* The payment should be in Serbian dinars (RSD) according to the middle exchange rate at the date of payment. The members of ASES have a 10% discount. Active members of ASES (membership of 2024) have a 10% discount.

The registration fee includes:

- publishing of paper in the Proceedings of the Symposium
- a promo material at the Symposium
- the cocktail party at the opening ceremony,
- lunches on 19th and 20th of September
- the gala dinner.

Registration fee can be paid electronically through the website <https://dgks.grf.bg.ac.rs> in the section "Symposium 2024" or according to the following instructions:

Structural Engineers Association of Serbia - ASES
Bulevar kralja Aleksandra 73, 11000 Belgrade, Serbia

Banca Intesa

Dinar Account: 160-372745-57

Foreign currency

account: 00-540-0000237.5

IBAN: RS35160005400000237553

* In Proceedings of the Symposium will be published only the papers of those participants who have paid the registration fee. One registration fee covers maximum two papers.



HOTEL ACCOMMODATION

All participants will be accommodated in the Hotel Tonanti, Vrnjačka Banja.

Room type	Price per night in EUR
Standard double bed room for one person	85 €
Standard double bed room for two people	110 €
Triple bed room	160 €

The showed privileged prices can be used until 09.08.2024.

We kindly ask all participants to book the room as soon as possible, taking into account the limited capacity of the Hotel Tonanti.

Room prices per night include breakfast and dinner - buffet, use of Spa&Wellness center, gym, kids' playroom, babysitting service and includes PDV.

Accommodation tax and parking are not included in the above given prices.

Reservation for the participants of Symposium should be made individually by email or phone. Participation at the Symposium 2024 must be noted in order to use privileged prices

- e-mail: prodaja@hoteltonanti.rs
- telephone: +381 66 050 009 or +381 66 050 000

CALL FOR SPONSORS



Organizer of the Symposium, The Association of Structural Engineers of Serbia – ASES, announces a call for sponsors and donors to take a part in the work of the ASES Symposium and to contribute to its success.

The contents of the sponsor packages is available on the ASES website. The list of the sponsors that financially supported the Symposium will be announced in the Congress Proceedings Book and visibly prominent during the Symposium. Companies and institutions which would like to organize a presentation (exhibition) of their achievements or products during the Symposium should inform the Organizing Committee (in written form) about the character of the presentation and the space needed for these activities.

Contact persons for all additional information:
Secretary of ASES: Assoc. Prof. Ivan Ignjatović
Phone: 011 328 546, e-mail: ivani@grf.bg.ac.rs



CALL FOR NOMINATION OF CANDIDATES FOR THE ASES AWARDS

1. LIFETIME ACHIEVEMENT CHARTER
2. BEST SCIENTIFIC AND TECHNICAL ACHIEVEMENTS IN STRUCTURAL ENGINEERING OF SERBIA FOR 2022 AND 2023

Detailed information about the content and applying process for The Charter for Lifetime Achievement candidates and The best scientific and technical achievements candidates will be available on the ASES website

<https://dgks.grf.bg.ac.rs> under the group "Awards".

Candidate nomination for both awards, with all relevant information, should be submitted no later than April 1st 2024, to the Presidency of ASES on the following address: Institute of Materials and Structures – Faculty of Civil Engineering, 11000 Belgrade, Bulevar kralja Aleksandra 73, (room 7a). Applications can be sent by mail or submitted in person. The application form can be downloaded from the association website under "Awards".

For additional information please visit <https://dgks.grf.bg.ac.rs>, through which you can also join ASES or renew the membership.

Several oportunities for sponsorships:

•platinum sponsor	600.000 dinars
•gold sponsor	300.000 dinars
•silver sponsor	150.000 dinars
•bronze sponsor	100.000 dinars

Technical Secretary of ASES: Ms. Stoja Todorović-Saška
phone: 011/3218-610, 011/3218-505, e-mail: dgks@grf.bg.ac.rs



Faculty of Civil Engineering, University of Belgrade
Faculty of Technical Sciences, University of Novi Sad

2024 INTERNATIONAL SYMPOSIUM

OF THE ASSOCIATION OF STRUCTURAL
ENGINEERS OF SERBIA - ASES

DATE

September
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2024

VENUE

Hotel Tonanti
Vrnjačka Banja
Serbia

2nd INFORMATION
February 2024



Association of Structural Engineers of Serbia

SYMPOSIUM PROGRAM

ASES Symposium is a traditional gathering place for structural engineers where they can sum up the results achieved in the last two years, announce important events and future projects and give a review of current achievements in science, research and practice in the field of structural engineering. Considering the regional importance of the Symposium and its international character, it is expected that, besides the participants from our country, a considerable number of structural engineers from abroad will participate in the work of the Symposium.

The most important achievements in structural engineering in the field of design, execution, maintenance and rehabilitation of building structures will be presented at the Symposium. Special attention will be taken on the recently changes in technical rules in the field of design, construction and maintenance of structures, which are based on the use of European standards – Eurocodes. Significant space is dedicated to the development and use of modern materials, building technologies, information and BIM technologies. In addition, it is planned to present the results of the latest theoretical and experimental research of interest for theory and practice in structural engineering. Our and worldwide findings, skills and experiences in modern construction, maintenance and rehabilitation of structures will be presented. It is expected that the topic of decarbonization and circular economy in the construction sector will attract significant attention of the audience. In this way we are staying in touch with the current changes and trends in intersectoral areas.

The Symposium, as it has always been before, will provide an opportunity to establish direct contacts and to mix and meet old friends and new people, as well as to exchange professional and scientific experiences.

Scientific and professional achievements of the Symposium participants will be presented in the Proceedings and on posters. The authors of papers will be allowed to present their papers to the Symposium participants at an up-to-date technical level with the time reserved for discussion.

Since ASES takes special care of the scientific youth, there will be special session organised. Young authors' research presentations will be presented and the best ones, selected by the jury and the audience, will be awarded. The top three papers presented at the Symposium by young authors (younger than 30 years) will be published in the national journal Building Materials and Structures (M24).

KEYNOTE LECTURERS



Stephen James
"VARVSBRON" - INNOVATION IN BRIDGE DESIGN,
ENGINEERING & CONSTRUCTION



Dr Marko Pavlović
FRP COMPOSITES IN STRUCTURAL ENGINEERING
APPLICATIONS



Dr Radenko Pejović
RECONSTRUCTION AND REHABILITATION OF
"ĐURĐEVIĆA TARA" BRIDGE



Dr Snežana Marinković
DECARBONIZATION OF THE CONSTRUCTION SECTOR:
IS NET ZERO BY 2050 FEASIBLE?



Dr Vitomir Racić
SERVICEABILITY ASSESSMENT OF FLOORS DUE TO
FOOTFALL-INDUCED VIBRATIONS