

2020 24 - 26 September

SYMPOSIUM

Hotel Izvor, Arandjelovac, Serbia

OF THE ASSOCIATION OF STRUCTURAL ENGINEERS OF SERBIA - ASES

in a cooperation with the University of Belgrade – Faculty of Civil Engineering and University of Novi Sad – Faculty of Technical Sciences

The Organizing Committee

Prof. Zlatko Marković, Prof. Boško Stevanović, Prof. Đorđe Ladinović, Prof. Dragoslav Stojić, Prof. Danijel Kukaras, Assoc. Prof. Jelena Dobrić, Assoc. Prof. Marija Nefovska - Danilović, Assoc. Prof. Ivan Ignjatović, Assist. Prof. Branko Milosavljević, Assist. Prof. Selimir Lelović, Assist. Prof. Milan Spremić, Assist. Prof. Nenad Fric, Assist. Prof. Marija Todorović, Assist. Prof. Igor Džolev, Dr Nina Gluhović, Lazar Marković, Đorđe Pavkov, Milan Grčić, Branko Knežević, Duško Tomić, Dimitrije Aleksić, Miroslav Mihajlović, Darko Popović, Vedran Carević, Nikola Rajić, Vladimir Živaljević, Dragan Manojlović.

The Scientific Committee:

prof. prof. dr Leroy Gardner (UK), prof. dr Mark Alexander (South African Republic), prof. dr Milan Veljković (The Netherlands), dr Dick Hordijk (The Netherlands), prof. dr Dubravka Bjegović (Croatia), prof. dr František Wald (Czech Republic), assist. prof. dr Primož Može (Slovenia), assist. prof. dr Jože Lopatič (Slovenia), prof. dr Tatjana Isaković (Slovenia), prof. dr Svetlana Brzev (Canada), prof. dr Duško Lučić (Montenegro), prof. dr Miloš Knežević (Montenegro), prof. dr Radenko Pejović (Montenegro), prof. dr Meri Cvetkovska (North Macedonia), prof. dr Goran Markovski (North Macedonia), assoc. prof. dr Zlatko Zafirovski (North Macedonia), prof. dr Radomir Folić (Serbia), prof. dr Mirjana Vukićević (Serbia), prof. dr Đorđe Ladinović (Serbia), prof. dr Snežana Marinković (Serbia), prof. dr Zlatko Marković (Serbia), prof. dr Mira Petronijević (Serbia), prof. dr Vlastimir Radonjanin (Serbia), prof. dr Boško Stevanović (Serbia), prof. dr Dragoslav Stojić (Serbia), assoc. prof. dr Jelena Dobrić (Serbia), assoc. prof. dr Marija Nefovska-Danilović (Serbia), assoc. prof. dr Ivan Ignjatović (Serbia), assist. prof. dr Branko Milosavljević (Serbia).

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 2018 and 2019;
- ③ Round table discussion about new Rulebook for engineering structures.

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 for all interested participants of the Congress as well as for the accompanying person.

MAIN TOPICS IN STRUCTURAL ENGINEERING

1. Theoretical and experimental research in structural engineering
2. Calculation and modelling of structures
3. Aseismic design and construction
4. New construction materials and technologies
5. Information and BIM technologies in construction
6. Design and execution of structures

OPENING LECTURES

Opening lectures will be held by remarkable scientists and professionals:

• Prof. Leroy Gardner

Professor of Structural Engineering, Faculty of Engineering, Imperial College London, UK

• Dr Dick Hordijk

Owner and director, Adviesbureau ir. J.G. Hageman B.V., former professor of concrete structures at TU Delft, The Netherlands

• Prof. dr Mark Alexander

Immediate Past President of RILEM, Emeritus Professor of Civil Engineering and a Senior Research Scholar in the University of Cape Town, South African Republic

• Prof. dr Milan Veljković

Professor of Steel and Composite Structures, Delft University of Technology, The Netherlands

• Prof. dr Tanja Isaković

Head of the Chair of Structural and Earthquake Engineering, Faculty of Civil and Geodetic Engineering, University of Ljubljana, Slovenia

• Marjan Pipenbaher

General manager & Leading designer, Ponting – Pipenbaher Consulting Engineers, Slovenia.

IMPORTANT DATES:

- 15.03.2020. Submission of abstract
- 15.04.2020. Acceptance of abstract
- 01.06.2020. Submission of full papers
- 15.07.2020. 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. The number of pages: 6 - 12 (always even number of pages).

7. Estimate of state, rehabilitation and reconstruction of the existing building structures
8. Technical regulations for structures
9. Follow up of the state, maintenance and durability of structures
10. Foundation engineering and geotechnical works
11. Design management
12. Environmental impact of construction

REGISTRATION

Registration fee: 150 EUR

(students of master and doctoral courses as well as young engineers up to 30 years 75 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.

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,
- refreshment during breaks and the gala dinner.

The registration fee should be paid according to the following instructions:

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

Account No.: Banca Intesa

Dinar Account: 160-372745-57

Foreign currency

account: 00-540-0000237.5

IBAN: RS35160005400000237553

From 03.01.2020. registration fee can be paid electronically through the website <https://dgks.grf.bg.ac.rs> in the section "Symposium 2020"

* In Proceedings of the Symposium 2020 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 Izvor, Arandelovac.

The prices for half-board (breakfast and dinner) per person, per day, are as follows:

Room type	Price per person, for a certain number of persons in a room (1, 2 or 3)		
	1	2	3
single bed (18m ²)	85 €	-	-
room suitable for disabled people	85 €	47.5 €	-
double bed (25m ²)	105 €	57.5 €	-
triple bed (40m ²)	130 €	70 €	60 €
suite (60m ²)	170 €	90 €	73.3 €

The showed privileged prices can be used until 24.07.2020.

We kindly ask all participants to book the room as soon as possible, taking into account the limited availability of alternative accommodation (out of hotel Izvor).

Prices showed above include the use of Spa&Wellness center (Inner swimming pools with natural mineral water, steam bath, Finnish dry sauna, bio sauna, relax room, Russian spa, tepidarium, joyful showers, fitness center).

Wi-fi internet of standard speed is included in the price. Accommodation tax of 1.0 EUR per person and day is 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 must be noted in order to use privileged prices

- e-mail: tamara.milojevic@ahoteli.com
- телефон: +381 63 10 28 046



CALL FOR SPONSORS

Organizer of the Congress, The Association of Structural Engineers of Serbia – ASSES, announces a call for sponsors and donators to take a part into the work of the 15th ASSES Congress and contribute to the success of the Congress.

The list of the sponsors that financially supported the Symposium will be announced in the Symposium 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) before 1st of July 2020 about the character of the presentation and the space needed for these activities. More details about the details on sponsor benefits and opportunities for exhibitors can be found at the official ASSES's website <https://dgks.grf.bg.ac.rs>.

Contact persons for all additional information:

General Secretary of ASSES: Assoc. Prof. Ivan Ignjatović
Phone: 011/3218-606, e-mail: gfnauka@grf.bg.ac.rs



CALL FOR NOMINATION OF CANDIDATES FOR THE ASSES AWARDS

1. LIFETIME ACHIEVEMENT CHARTER
2. BEST SCIENTIFIC AND TECHNICAL ACHIEVEMENTS IN STRUCTURAL ENGINEERING OF SERBIA FOR 2018 AND 2019

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 ASSES 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 March 15th 2020, to the Presidency of ASSES 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.

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

Several opportunities for sponsorships:

•platinum sponsor	200.000 dinars
•gold sponsor	150.000 dinars
•silver sponsor	100.000 dinars
•bronze sponsor	50.000 dinars



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

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OF THE ASSOCIATION OF STRUCTURAL
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DATE

September
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2020

VENUE

Hotel Izvor
Arandjelovac
Serbia

2nd INFORMATION
February 2020.



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 2020 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.

The 2020 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 LECTURES



Prof. Leroy Gardner

Professor of
Structural Engineering,
Faculty of Engineering,
Imperial College,
London, UK



Dr Dick Hordijk

Owner and director,
Adviesbureau ir. J.G.
Hageman B.V.
former professor of concrete
structures at TU Delft,
The Netherlands



Prof. dr Mark Alexander

Immediate Past President of
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Engineering and a Senior Research
Scholar in the
University of Cape Town,
South African Republic



Prof. dr Milan Veljković

Professor of Steel and Composite
Structures
Delft University of
Technology,
The Netherlands



Prof. dr Tanja Isaković

Head of the Chair of Structural and
Earthquake Engineering
Faculty of Civil and Geodetic
Engineering,
University of Ljubljana,
Slovenia



Marjan Pipenbaher

General manager &
Leading designer,
Ponting – Pipenbaher
Consulting Engineers
Slovenia