



ASSOCIATION OF STRUCTURAL
ENGINEERS OF OF SERBIA



FACULTY OF CIVIL ENGINEERING
UNIVERSITY OF BEOGRAD



FACULTY OF TECHNICAL SCIENCES
UNIVERSITY OF NOVI SAD



SERBIAN CHAMBER OF ENGINEERS

SYMPOSIUM 2016

OF THE ASSOCIATION OF STRUCTURAL ENGINEERS OF SERBIA

Supported by:

**THE MINISTRY OF CONSTRUCTION,
TRANSPORT AND INFRASTRUCTURE**

**ZLATIBOR
HOTEL PALISAD
15-17. September 2016.**

**SECOND
INFORMATION** **2**
MAY 2016

2016 SYMPOSIUM

OF THE ASSOCIATION OF STRUCTURAL ENGINEERS OF SERBIA - ASES

The Association of Structural Engineers of Serbia – ASES, with co-organizing institution Faculty of Civil Engineering (University of Beograd), Faculty of Technical Sciences (University of Novi Sad) an Serbian Chamber of Engineers, will hold the 2016 Symposium on Zlatibor Mountain at the Palisad Hotel from September 15 to 17, 2016.

The Organizing Committee: Prof. Dr. Đorđe Ladinović, Chairman; Aleksandar Bojović, Vice Chairman; Prof. Dr. Zlatko Marković, General Secretary; Prof. Dr. Boško Stevanović, Secretary; Prof. Dr. Dragoslav Stojić; Prof. Dr. Mira Petronijević; Prof. Dr. Snežana Marinković; Prof. Dr. Danijel Kukaras, Assist. Prof. Dr. Branko Milosavljević, Assist. Prof. Dr. Selimir Lelović, Aleksandar Živanović, Goran Vukobratović, Goran Tadić, Đorđe Pavkov, Lazar Marković, Branko Knežević i Gojko Grbić.

The Organizing Committee: Assist. Prof. Dr. Srđa Aleksić (Montenegro), Prof. Dr. Dejan Bajić (Serbia), Prof. Dr. György Balazs (Hungary), Prof. Dr. Radu Banchila (Romania), Prof. Dr. Miroslav Bešević (Serbia), Prof. Dr. Dubravka Bjegović (Croatia), Prof. Dr. Adrijana Bjelanović (Croatia), Assist. Prof. Dr. Zoran Brujić (Serbia), Prof. Dr. Dragan Buđevac (Serbia), Prof. Dr. Milan Veljković (Holland), Prof. Dr. Mihail Garevski (Macedonia), Prof. Dr. Radomir Zejak (Montenegro), Prof. Dr. Damir Zenunović (Bosnia and Herzegovina), Prof. Dr. Tatjana Isaković (Slovenia), Prof. Dr. Srđan Janković (Montenegro), Prof. Dr. Miloš Knežević (Montenegro), Assist. Prof. Dr. Tatjana Kočetov Mišulić (Serbia), Prof. Dr. Zoran Krakutovski (Macedonia), Prof. Dr. Danijel Kukaras (Serbia), Prof. Dr. Đorđe Ladinović (Serbia), Prof. Dr. Miloš Lazović (Serbia), Prof. Dr. Stjepan Lakušić (Croatia), Assist. Prof. Dr. Selimir Lelović (Serbia), Prof. Dr. Jože Lopatič (Slovenia), Prof. Dr. Duško Lučić (Montenegro), Dragan Majkić (Canada), Prof. Dr. Snežana Marinković (Serbia), Prof. Dr. Peter Mark (Germany), Prof. Dr. Zlatko Marković (Serbia), Prof. Dr. Goran Markovski (Macedonia), Assist. Prof. Dr. Branko Milosavljević (Serbia), Prof. Dr. Mihailo Muravljov (Serbia), Prof. Dr. Dušan Najdanović (Serbia), Prof. Dr. Tihomir Nikolovski (Macedonia), Assist. Prof. Dr. Marko Pavlović (Netherlands), Prof. Dr. Dancho Partov (Bugarska), Prof. Dr. Radenko Pejović (Montenegro), Prof. Dr. Mira Petronijević (Serbia), Predrag Popović (USA), Prof. Dr. Aleksandar Prokić (Serbia), Prof. Dr. Milenko Pržulj (Slovenia), Prof. Dr. Jure Radić (Croatia), Prof. Dr. Vlastimir Radonjanin (Serbia), Prof. Dr. Mićko Radulović (Montenegro), Prof. Dr.

Marina Rakočević (Montenegro), Prof. Dr. Boško Stevanović (Serbia), Prof. Dr. Dragoslav Stojić (Serbia), Prof. Dr. Mihailo Trifunac (USA), Prof. Dr. Ana Trombeva Gavriloska (Macedonia), Prof. Dr. Mladen Ulićević (Montenegro), Prof. Dr. Mato Uljarević (Bosnia and Herzegovina), Prof. Dr. Radomir Folić (Serbia), Prof. Dr. Rüdiger Höffer (Germany), Prof. Dr. Mustafa Hrasnica (Bosnia and Herzegovina), Prof. Dr. Meri Cvetkovska (Macedonia), Prof. Dr. Merima Šahinagić-Isović (Bosnia and Herzegovina), Prof. Dr. Zlatko Šavor (Croatia), Prof. Dr. Ivana Štimac Grandić (Croatia), Assist. Prof. Dr. Biljana Šćepanović (Montenegro)

SYMPOSIUM PROGRAMME

Basic activities

It is expected that, besides participants from our country, a considerable number of structural engineers from abroad will traditionally participate in the work of the 2016 Symposium, thus this Symposium will have real international character. 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 devoted to the new standards for civil engineering structures – Eurocodes and application thereof in Serbia and the neighbouring countries. Significant space is dedicated to the development and use of modern materials, building technologies and information 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 2016 Symposium, as it has always before, will provide opportunity to establish direct contacts and to mix and meet old friends and new people, as well as to exchange professional and scientific experiences. Assessment of the state of structural engineering in Serbia and the directions for further development thereof will be given at the Symposium.

Main topics

- Design and execution of structures
- Analysis and modelling of structures
- Theoretical and experimental research in structural engineering
- Aseismic design and construction
- New construction materials and technologies
- Technical regulations – Eurocodes for structures
- Assessment, rehabilitation and reconstruction of the existing building structures

- Monitoring, maintenance and durability of structures
- Foundation engineering and geotechnical works
- Project management
- Environmental impact of construction

Scientific and professional achievements of the Symposium participants will be presented in the Proceedings and on posters. The Scientific Committee will select papers for oral and poster presentation, and will inform the authors about decision on the method of presentation.

Prizes awarded for the best scientific and technical achievements in civil engineering design will be presented on the symposium. The creative opuses of the structural engineers awarded the Charter for Lifetime Achievement will also be presented at the Symposium, and published in the Proceedings.

Excellent papers, presented at the Symposium by young authors (younger than 30 years), and selected by the Scientific Committee, will be published in the national journal Building Materials and Structures (M24).

All information about Symposium program can be found on the official ASES's web site: www.dgks.grf.bg.ac.rs

Keynote lectures

- **Prof. Dr. Rüdiger Höffer**, Wind Engineering and Fluid Mechanics, Faculty of Civil and Environmental Engineering, Ruhr-University Bochum, Germany: "*Modern Buildings and Structures - Contributions from Wind Engineers*"
- **Dragan Majkić**, M. Sc., P. Eng., Bridge Engineer Specialist, Allnorth, Vancouver, Canada: "*Specific Bridge Erection Engineering Solutions*"
- **Prof. Dr. Peter Mark**, Dean of Faculty of Civil and Environmental Engineering, Ruhr-University Bochum, Germany: "*Optimisation Based Form Finding and Design of Concrete Structures*"
- **Predrag Popović**, S.E., P.E., Vice President, Wiss, Janney, Elstner Associates, Inc., Chicago, USA, ex-president of IABSE: "*Investigation and Retrofit of Pedestrian Canopy at Chicago O'Hare International Airport*"
- **Prof. Dr. Milan Veljković**, Head of Steel and Composite Structures, Faculty of Civil Engineering and Geosciences, Delft University, Holland: "*Connections in Steel Structures - Recent Results and State of Art of EN 1993-1-8*"

REGISTRATION

Participants planning to attend the Symposium should register and submit a paper no later than August 1, 2016. Registration and submission of papers should be made through the ASES's website www.dgks.grf.bg.ac.rs.

The papers accepted by the Symposium Scientific Committee will be published in the Proceedings. Papers can be in Serbian (or ex-yu) or English. The authors should prepare their papers according to instructions (which can be downloaded from the official ASES's web site) and submit in electronic form (in MS Word and PDF format). The text should be written in Serbian or English and a Summary in both languages (Serbian summary will be covered by the Organizer).

In Proceedings of the Symposium 2016 will be published only the papers of those participants who have paid the registration fee. One registration fee covers maximum two papers.

REGISTRATION FEE

The registration fee (net sum, excluding bank provisions and taxes), which includes publishing the paper in the Proceedings of the Symposium, a copy of the material, the cocktail party at the opening ceremony, refreshment during breaks and the gala dinner is: 120 Euros for payments before 1st August 2016; 150 Euros for payments after 1st August 2016 or at the Symposium venue. The members of ASES have discount of 10%.

Registration fees should be paid to:

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

HOTEL ACCOMMODATION

All participants will be accommodated in the Hotel Palisad, Zlatibor, Jezero bb (<http://www.palisad.rs/>).

The prices for half-board per person, per day, are as follows:

- Single room LUX 75 euro
- Double room LUX soba (per person) 45 euro
- Single room SUPERIOR 65 euro
- Double room SUPERIOR (per person) 40 euro

- Single room STANDARD 50 euro
- Double room STANDARD (per person) 30 euro

Reservation for the participants of Symposium should be made individually via e-mail: prodaja@palisad.rs.

- e-mail: prodaja@palisad.rs
- Phone: +381-31-592-100; +381-31-841-151; +381-31-841-161

For all participants of the Symposium, as well as the accompanying person, will be organized visit to Visegrad and Andricgrad (*Stonetown*) on Saturday, September 17, 2016.

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For all additional information please contact Ms. **Saska - Stoja Todorović, Institute of Materials and Structures – Faculty of Civil Engineering**, 11000 Belgrade, Bulevar kralja Aleksandra 73, (room 7a), e-mail: saska@imk.grf.bg.ac.rs, Phone: +381-11-3218-610, +381-11-3370-152.