



**СЛЕДЕЊЕ, ПРОЦЕНА И САНАЦИЈА НА КОНСТРУКЦИИ**  
**MONITORING, ASSESSMENT AND REHABILITATION OF STRUCTURES**



**ДГКМ**

**ДРУШТВО НА  
ГРАДЕЖНИ  
КОНСТРУКТОРИ НА  
МАКЕДОНИЈА**

**MASE**

**MACEDONIAN  
ASSOCIATION OF  
STRUCTURAL  
ENGINEERS**

**18** МЕЃУНАРОДЕН СИМПОЗИУМ  
INTERNATIONAL SYMPOSIUM

**ОХРИД, МАКЕДОНИЈА  
OHRID, MACEDONIA  
2 - 5 октомври 2019  
October, 2<sup>nd</sup> - 5<sup>th</sup>, 2019**

## 18<sup>th</sup> International Symposium of Macedonian Association of Structural Engineers (MASE 2019)

2-5 October 2019, Ohrid, Republic of North Macedonia

[18<sup>th</sup> International Symposium of Macedonian Association of Structural Engineers \(MASE 2019\)](#) will be held from 2<sup>nd</sup> to 5<sup>th</sup> of October 2019 in Ohrid, Republic of North Macedonia. The Symposium will focus on issues related to structural engineering, with an emphasis on the state-of-the-practice and recent advances in testing and monitoring technologies, in structural modelling and assessment methods, and in the application of advanced materials for structural rehabilitation.

The main goal of the symposium is to provide a forum where local and foreign participants will be able to exchange knowledge and ideas on the latest scientific developments and practices, setting directions for future research and cooperation in the field of construction. All structural engineers and students, as well as researchers from related areas, are invited to participate.

### Topic of the symposium:

#### **MONITORING, ASSESSMENT AND RETROFITTING OF STRUCTURES**

#### Main topics:

- Structural health monitoring
- Maintenance of structures`
- Performance and damage assessment
- Repair and strengthening of structures
- Reliability and durability of structures

#### Main topics are covered by invited speakers:

1. Ivana BANJAD PEČUR, Civil Engineering Faculty, Zagreb University, Croatia
2. Rade HAJDIN, Faculty of Civil Engineering, University of Belgrade, Serbia
3. Viktor MARKELJ, Ponting d.o.o., Slovenia
4. Goran MARKOVSKI, Faculty of Civil Engineering, “Ss. Cyril and Methodius” University, N. Macedonia
5. Predrag POPOVIĆ, WJE - Wiss, Janney, Elstner Associates, Inc., USA
6. Hartmut PASTERNAK, Brandenburg University of Technology, Cottbus, Germany
7. Vlastimir RADONJANIN, Faculty of Technical Sciences, University of Novi Sad, Serbia
8. Veronika SENDOVA, IZIIS, “Ss. Cyril and Methodius” University, N. Macedonia
9. Boško STEVANOVIĆ, Faculty of Civil Engineering, University of Belgrade, Serbia
10. Ales ZNIDARIČ, ZAG - Slovenian National Building and Civil Engineering Institute, Slovenia

#### Other topics:

- Theoretical and experimental analysis of structures
- Contemporary methods for structural design
- Eurocodes, National Annexes
- Contemporary methods for construction
- Modern materials and technologies for sustainable development
- Infrastructure objects
- Other topics related to structural engineering

In cooperation with the Chamber of certified architects and certified engineers of Republic of North Macedonia and the Institute for Standardization of Republic of North Macedonia, round-tables on topics: “**National annexes for Eurocodes and National standards - Exchange of Experiences in the Region**“ and “**The new Law on construction**” will be organized within the framework of the Symposium.

## • INSTRUCTIONS FOR PAPER SUBMISSION

Official languages of the Symposium are Macedonian and English. Papers should be prepared following the listed rules below: total number of pages should not exceed 10, except for invited and introductory papers, which are limited to 14 pages. The text should be written in Macedonian or English. The paper should be sent in electronic format (Microsoft Word and PDF) for possible editing and final preparation for publishing. Page numbering, insertion of the Symposium logo, etc., will be done by the Editorial board. Detailed instructions for paper preparation may be downloaded from MASE's web page: <http://mase.gf.ukim.edu.mk>

The Abstracts (first pages of the papers) will be printed in the Book of Abstracts, while the full text of the paper will be distributed in digital format. Together with the final version of the paper, the authors should submit a proof for the registration fee payment.

Power Point and Poster presentations of the papers should be prepared only in English.

## • NEW IMPORTANT DATES

**01 September 2019:** Deadline for paper submission (**papers without previously submitted abstract may be submitted, too**)

**10 September 2019:** Notification of review results, by the Scientific Committee

**15 September 2019:** Deadline for submission the final version of the paper

## • REGISTRATION FEE

The registration fee (net sum, excluding bank provisions and taxes), which includes the Book of Abstracts, digital version of the full papers, cocktail party, coffee breaks and Structural engineer's dinner is: 120 Euros for payments before 15 September 2019; 150 Euros for payments after 15 September 2019 or at the Symposium venue.

Young researchers (doctoral students up to 30 years) have discount of 50 %, and students discount is 75%.

The registration fee should be paid to Account No.: 0270100112490, S.W.I.F.T. KOBSMK2X, EMB: MK 4030995226660, IBAN: MK07300701001124973; Deponent: Komercijalna banka, Skopje to: MACEDONIAN ASSOCIATION OF STRUCTURAL ENGINEERS, Skopje, bul. Partizanski odredi 24, PO Box 560, 1000 Skopje, Republic of Macedonia (for the 18<sup>th</sup> Symposium).

## • VENUE & ACCOMMODATION

Symposium will be held in hotel "Granit". Participants will be accommodated in hotel "Granit" (<http://hotelgranit.com.mk>) and nearby hotels. Information on accommodation prices is given on the web page of the Symposium. Each participant is kindly asked to make a reservation individually by contacting the following e-mail address: [reservation@hotelgranit.com.mk](mailto:reservation@hotelgranit.com.mk).

## • MARKETING

All interested institutions, companies and individuals may present their achievements and production capacities through exhibitions or video projections at the Symposium or by advertisements published in the Proceedings of the Symposium. The conditions and the prices may be found on the MASE's web page and should be arranged in advance with the Organizer.

## • CORRESPONDENCE

All information concerning the Symposium will be regularly announced on the MASE's web page. An e-mail registration could be sent via provided links. The participants may also refer to the following e-mail addresses:

**Meri Cvetkovska – President of MASE,** [cvetkovska@gf.ukim.edu.mk](mailto:cvetkovska@gf.ukim.edu.mk)

**Darko Nakov - General Secretary of MASE,** [nakov@gf.ukim.edu.mk](mailto:nakov@gf.ukim.edu.mk)

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the official MASE e-mail address: [mase@gf.ukim.edu.mk](mailto:mase@gf.ukim.edu.mk)

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