



Invitation and Location

The Serbian Society of Mechanics invites you to its 7th International Congress. The Congress will take place in Sremski Karlovci, a small town on the bank of the Danube river near the Novi Sad and national park of nature Fruška Gora. This venue is well-known as a historical center of Serbian culture, science and art. Beautiful surroundings of Fruška Gora, as well as a resort with numerous historical sites, museums, churches, monasteries and places with traditional food and wine make the town a very pleasant and interesting place. Congress sessions will be held in an oldest Serbian high school in the historical center of the town.

Objectives

The increasing necessity to solve complex problems in Theoretical and Applied Mechanics requires the development of new ideas and innovative methods for providing solutions. The purpose of the Congress is to bring together the scientific communities of Theoretical and Applied Mechanics in an effort to facilitate the exchange of ideas in topics of mutual interests and to serve as a platform for establishing links between research groups with complementary activities. The community of Theoretical and Applied Mechanics will benefit from this interaction, acquainting them with advanced methods which can highly assist in tackling complex mechanical problems.

Congress Topics

The Congress topics will include:

- A: General Mechanics
- B: Fluid Mechanics
- C: Mechanics of Solid Bodies
- D: Biomechanics
- E: Control and Robotics
- F: Interdisciplinary and Multidisciplinary Problems

Organizing Committee

- **Mihailo Lazarević**, president of SSM (University of Belgrade)
- **Damir Mađarević**, secretary of SSM (University of Novi Sad)
- **Srboljub Simić** (University of Novi Sad)
- **Ivana Atanasovska** (Mathematical Institute of the Serbian Academy of Sciences and Arts, Belgrade)
- **Anđelka Hedrih** (Mathematical Institute of the Serbian Academy of Sciences and Arts, Belgrade)

Organizer

- Serbian Society of Mechanics (SSM)
- with the support of**
- Faculty of Mechanical Engineering, University of Belgrade,
 - Serbian Academy of Sciences - branch in Novi Sad

Languages

The official languages of the Congress will be English. The papers and presentation should be written in English.

Important Dates and Deadlines

Deadline for submission of scientific contributions (full papers and extended abstracts on two pages):

1 March 2019

- Notification of acceptance:

1 April 2019

- Deadline for registration fee payment:

1 May 2019

Congress Program

Congress program will be consisted of plenary and invited lectures (45 minutes) given by invited speakers and contributed papers (20 minutes).

Congress Proceedings will be published before the Congress. Selected papers will be published in the journal **Theoretical and Applied Mechanics**, which is indexed in SCOPUS database.

Mini-Symposia

- **M1: Nonlinear dynamics**
(Katica Stevanović-Hedrih, Ivana Atanasovska, MI SASA, Belgrade)
- **M2: Bioengineering**
(Nenad Filipović, University of Kragujevac)
- **M3: Turbulence**
(Djordje Čantrak, University of Belgrade)
- **M4: Waves and diffusion in complex media**
(Danilo Karličić, Milan Cajić, MI SASA, Belgrade, Zhuojia Fu, Hohai University, China)
- **M5. Biomechanics and Mathematical Biology**
(Andjelka Hedrih, MI SASA, Belgrade, Ricardo Ruiz Baier, MI, Oxford University, UK)

The topics are expected to cover particular fields which are of special interest for theoretical and applied mechanics and present frontier research activities. The organizers of Mini-symposia are responsible for any additional cost which cannot be covered by Congress budget or Registration fees.

Accommodation

Accommodation is organized in cooperation with “Hotel President” and “Hotel Dunav”, as well as other facilities. Information on these hotels and their rates are available at:

<https://www.premierprezidenthotel.com/sr-yu/>

<http://www.hoteldunav.co.rs/>

More information about Sremski Karlovci, its history and facilities can be found at:

<https://www.karlovci.org.rs/>

“dr Rastko Stojanović” award

Authors of single-authored contributed papers of the age up to 35 are eligible for “dr Rastko Stojanović” award for young scientists. Laureate of the award will be announced at Congress banquet.

Registration Fees

The registration fees should be paid before **1 May 2019**:

Members of SSM	100 Euros
Other participants	150 Euros
Students	80 Euros
Accompanying persons	50 Euros

The fees will include: Congress program, Congress proceedings, attendance at all scientific sessions, coffee breaks, lunches and banquet. One registration fee covers two proposals. Registration and payment operations will be given on the web site of SSM.

