



Central European Association  
for Computational Mechanics

## First Announcement and Call for Papers

Department of Mechanics, Faculty of Applied Sciences, University of West Bohemia organises under the auspices of

- the dean of the faculty doc. Ing. Miloš Železný, Ph.D.
- the President of the Pilsen Region doc. PaedDr. Ilona Mauritzová, Ph.D.
- the Czech Society for Mechanics
- the Czech National Committee of IFToMM
- the Central European Association for Computational Mechanics

the **36th conference COMPUTATIONAL MECHANICS 2021** (<http://www.kme.zcu.cz/compmech>). This traditional scientific conference with international participation is focused on actual problems of applied and computational mechanics.

### CONFERENCE TOPICS

The main conference topics are:

- solid mechanics
- dynamics of mechanical systems
- mechatronics and vibrations
- reliability and durability of structures
- fracture mechanics
- mechanics in civil engineering
- fluid mechanics and fluid-structure interaction
- thermodynamics
- biomechanics
- heterogeneous media and multiscale problems
- experimental methods in mechanics

Two workshops “**Advanced methods for analysis and optimization of components made of modern materials**” and “**Modern technologies in medicine**” will be held during this conference.

### SCIENTIFIC COMMITTEE

**Chairman:** doc. Ing. Jan Vimmr, Ph.D. – Czech Republic

#### Members:

prof. Ing. Miroslav Balda, DrSc. – Czech Republic  
 prof. Ing. Jiří Burša, Ph.D. – Czech Republic  
 prof. Dr. Ing. Jan Dupal – Czech Republic  
 prof. Ing. Václav Dvořák, Ph.D. – Czech Republic  
 doc. Ing. Jiří Fůrst, Ph.D. – Czech Republic  
 doc. Dr. RNDr. Miroslav Holeček – Czech Republic  
 Ing. Jaromír Horáček, DrSc. – Czech Republic  
 prof. RNDr. Michal Kotoul, DrSc. – Czech Republic  
 prof. Ing. Jiří Křen, CSc. – Czech Republic  
 prof. Ing. Vladislav Laš, CSc. – Czech Republic  
 prof. Ing. Justín Murín, DrSc. – Slovak Republic  
 doc. Ing. Milan Naď, CSc. – Slovak Republic  
 Ing. Jiří Náprstek, DrSc. – Czech Republic  
 prof. Ing. Miloslav Okrouhlík, CSc. – Czech Republic

Ing. Luděk Pešek, CSc. – Czech Republic  
 prof. Ing. Jindřich Petruška, CSc. – Czech Republic  
 Ing. Jiří Plešek, CSc. – Czech Republic  
 prof. Ing. František Pochylý, CSc. – Czech Republic  
 doc. Dr. Ing. Pavel Polach – Czech Republic  
 prof. Dr. Ing. Eduard Rohan, DSc. – Czech Republic  
 prof. Ing. Josef Rosenberg, DrSc. – Czech Republic  
 prof. Ing. Milan Růžička, CSc. – Czech Republic  
 prof. Dr. Ing. Milan Sága – Slovak Republic  
 doc. RNDr. Petr Sváček, Ph.D. – Czech Republic  
 prof. Ing. Zbyněk Šika, Ph.D. – Czech Republic  
 prof. Ing. Michael Valášek, DrSc. – Czech Republic  
 prof. Ing. Jaroslav Zapoměl, DrSc. – Czech Republic  
 prof. Ing. Vladimír Zeman, DrSc. – Czech Republic

### CONFERENCE VENUE

The conference will be held **from 8<sup>th</sup> to 10<sup>th</sup> November 2021 in Hotel Srní**, Srní 117, Srní (<http://www.hotely-srni.cz/hotelysrni/>).

### REGISTRATION

All participants interested in the conference are invited to make an on-line registration through the conference website <http://www.kme.zcu.cz/compmech>. After successful registration, each participant will receive a confirmation

e-mail with a unique **registration ID number** and a **password** necessary for the submission of a brief abstract (150 words) via his/her profile on the conference website. Each participant with an accepted brief abstract will be invited to submit a short conference paper (2-4 pages) for the conference proceedings, to book a room in the hotel, to specify his/her meal requirements, and to book the bus transport to/from the conference venue via the user profile.

### ACCOMMODATION AND MEALS

Accommodation (meals included) will be provided directly at the conference venue in hotel Srní. All interested participants are requested to make their hotel reservation online using their profile on the conference website. Note that **the accommodation costs must be paid together with the registration fee**. It is recommended to make the payment by **September 30, 2021**, but not later than **October 25, 2021**. By this date, a special conference rate is guaranteed for all participants – **45 EUR per person per night in a double room (or in a suite for 3 persons)** and **55 EUR per person per night in a single room** (VAT incl.). The accommodation charge involves breakfast. Other meals (i.e., lunches, dinner and banquet) must be booked online by each participant using his/her profile on the conference website.

### TRANSPORT TO CONFERENCE VENUE

Given the location of the conference venue, a special conference bus will be dispatched providing transport from Pilsen to Srní and back. Each participant has the opportunity to book this service via his/her profile.

### CONFERENCE FEE PAYMENT

**The total conference fee consists of the registration fee and the accommodation costs.** The registration fee is **300 EUR** if paid **before September 30, 2021** or **350 EUR after this date**. The payment must be done not later than **October 25, 2021**. This fee includes: organisation costs, conference proceedings, conference meals (morning and afternoon coffee breaks, lunches, dinner, and conference banquet) and the special conference bus transport from Pilsen to hotel Srní and back. **The payment of total conference fee (i.e., the registration fee and the accommodation costs)** must be made in full by bank transfer within the specified deadlines. The total amount of the conference fee to be paid by each participant and the necessary data for the bank transfer will be available after making a binding room reservation via the user profile at <http://www.kme.zcu.cz/compmech>. Please note that no refunds will be granted in case of the registered participant's absence. Substitute delegates may be accepted.

**If the anti-COVID-19 measures adopted by the Czech government will prevent us to hold the conference onsite, all conference fees already paid will be refunded in full. A virtual (on-line) form of the conference is not planned.**

### PROCEEDINGS

All non-reviewed 2-4 page conference papers written in English will be published in conference proceedings with assigned ISBN. Guidelines for authors will be available on the conference website. Additionally, each author is encouraged to submit a full paper to the journal **Applied and Computational Mechanics** which is indexed by the databases EBSCO, DOAJ and **SCOPUS**. More information about the paper submission can be found on the journal website <http://www.kme.zcu.cz/acm>.

### CONFERENCE LANGUAGE

The conference language will be Czech, Slovak or English with no simultaneous translation.

### DEADLINES

- **September 1, 2021** – on-line registration and brief abstract submission.
- **September 8, 2021** – notification of contribution acceptance for oral presentation.
- **September 30, 2021** – submission of short conference paper (2-4 pages), specification of meals and conference bus transport, early room booking and payment of reduced conference fee (i.e., registration fee 300 EUR + accommodation costs).
- **October 25, 2021** – final deadline for room booking and for payment of conference fee (i.e., registration fee 350 EUR + accommodation costs).

### ORGANISING COMMITTEE

**Conference Chairman:** Ing. Vítězslav Adámek, Ph.D.

#### Members:

Ing. Alena Jonášová, Ph.D.

Jana Nocarová

Ing. Stanislav Plánička, Ph.D.

Ing. Martin Zajíček, Ph.D.

### CONFERENCE SECRETARIAT

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