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. Dr. Ing. Vlasta Radová
- the Vice-President of the Pilsen Region for Education and Tourism Mgr. Ivana Bartošová
- the Czech Society for Mechanics
- the Czech National Committee of IFToMM
- the Central European Association for Computational Mechanics

the 36th conference COMPUTATIONAL MECHANICS 2020 (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

The workshop “Advanced methods for analysis and optimization of components made of modern materials” 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 Dupál – Czech Republic
- doc. Ing. Václav Dvořák, Ph.D. – Czech Republic
- doc. Ing. Jiří Fürst, 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 Nad, CSc. – Slovak Republic
- Ing. Jiří Náprstek, DrSc. – Czech Republic
- prof. Ing. Miloslav Okrouhlik, CSc. – Czech Republic
- Ing. Luděk Pešek, CSc. – Czech Republic
- prof. Ing. Jindřich Petruška, CSc. – Czech Republic
- prof. Ing. Jiří Plešek, CSc. – Czech Republic
- prof. Ing. František Pochylý, CSc. – Czech Republic
- 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 Šágá – Slovak Republic
- doc. RNDr. Petr Sváček, Ph.D. – Czech Republic
- prof. Ing. Zbyněk Štika, 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 9th to 11th November 2020 in hotel Srní and Šumava, 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**

Due to the reconstruction of the main hotel building, the conference and the workshop will take place in the adjoining building – Hotel Srní depandance (Šumava). Accommodation and meals will be provided directly at the conference venue. In case of exceeded capacity of the depandance building, participants will be accommodated at the pension EFEKT No. 2 (http://www.pensionefekt.cz/) located approximately 200m from the conference venue. All participants interested in accommodation at the Hotel Srní depandance (Šumava) or at the pension EFEKT No. 2 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, 2020, but not later than October 25, 2020. By this date, a special conference/workshop rate is guaranteed for all participants – 35 EUR per person per night (VAT incl.). The accommodation charge involves breakfast. Other meals (i.e., two lunches, one dinner and one 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 250 EUR if paid before September 30, 2020 or 300 EUR after this date. The payment must be done not later than October 25, 2020. 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.

**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, 2020** – on-line registration and brief abstract submission.
- **September 8, 2020** – notification of contribution acceptance for oral presentation.
- **September 30, 2020** – 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 250 EUR + accommodation costs).
- **October 25, 2020** – final deadline for room booking and for payment of conference fee (i.e., registration fee 300 EUR + accommodation costs).

**ORGANISING COMMITTEE**

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

**Members:**
- Ing. Alena Jonášová, Ph.D.
- Mgr. Monika Grátschová
- Ing. Stanislav Pláněčka, Ph.D.
- Ing. Martin Zajiček, Ph.D.

**CONFERENCE SECRETARIAT**

Mgr. Monika Grátschová
Department of Mechanics
Faculty of Applied Sciences
University of West Bohemia
Univerzitní 8, 301 00 Plzeň
Czech Republic
Phone: +420 734 833 976
E-mail: vm@kme.zcu.cz