



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. František Vávra, CSc.
- the Vice-President of the Pilsen Region for Education, Sports, Tourism and Pilsen 2015 Project Jiří Struček
- the Czech Society for Mechanics
- the Czech National Committee of IFToMM
- the Central European Association for Computational Mechanics

the **30th conference COMPUTATIONAL MECHANICS 2014** (<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 “**Modelling and Inverse Problems for Heterogeneous Media**” will be held during this conference. More information can be found at <http://www.kme.zcu.cz/compmech>.

### SCIENTIFIC COMMITTEE

#### Chairman:

doc. Ing. Jan Vimmr, Ph.D. – Czech Republic

#### Members:

prof. Ing. Miroslav Balda, DrSc. – Czech Republic  
 prof. Dr. Ing. Jan Dupal – Czech Republic  
 doc. Dr. RNDr. Miroslav Holeček – Czech Republic  
 Ing. Jaromír Horáček, DrSc. – Czech Republic  
 prof. Ing. Jiří Křen, CSc. – Czech Republic  
 prof. Ing. Vladislav Laš, CSc. – Czech Republic  
 prof. Ing. Eduard Malenovský, DrSc. – Czech Republic  
 doc. Ing. Milan Nad', CSc. – Slovakia  
 prof. Ing. Miloslav Okrouhlík, CSc. – Czech Republic

Dr. Ing. Pavel Polach – Czech Republic  
 prof. Ing. Josef Rosenberg, DrSc. – Czech Republic  
 prof. Ing. Milan Růžička, CSc. – Czech Republic  
 prof. Dr. Ing. Milan Sága – Slovakia  
 prof. Eugeniusz Switonski – Poland  
 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 **3<sup>rd</sup> to 5<sup>th</sup> November 2014** in **OREA Wellness Hotel Horizont**, Špičák 126, Železná Ruda, Czech Republic (<http://www.orea.cz/en/orea-wellness-hotel-horizont>).

### ACCOMMODATION

Accommodation (meals included) will be provided directly at the conference venue in **Hotel Horizont**. All interested participants are invited to make the hotel reservation before **October 5, 2014**. A special conference rate is

guaranteed until this date. The accommodation charge involves breakfast and it is not included in the conference fee. It will be paid in cash upon check-in. More information regarding the hotel reservation can be found at the conference website <http://www.kme.zcu.cz/compmech>.

### TRANSPORT TO CONFERENCE VENUE

Given the conference venue location, a special conference bus will be dispatched providing the transport from Pilsen to the hotel Horizont and back. Each participant has the opportunity to book this service during the final registration process.

### REGISTRATION

All participants interested in the conference and/or in the workshop are invited to make the on-line registration through the conference website <http://www.kme.zcu.cz/compmech>. After successful registration, each participant will receive an e-mail with a unique **Registration ID** number and a **password** necessary for the submission of a brief abstract (150 words). When the brief abstract is approved, each participant is invited to submit an extended two-page abstract, to pay the conference fee, and to make the final registration until deadlines specified below.

### PROCEEDINGS

All non-reviewed two-page abstracts written in English will be published in conference proceedings (CD-ROM) with assigned ISBN. Guidelines for authors will be available at the conference website. Additionally, each author is encouraged to submit the full paper to the journal **Applied and Computational Mechanics** which is in the list of reviewed non-impacted journals published in the Czech Republic. More information about the paper submission can be found at the journal website <http://www.kme.zcu.cz/acm>.



### CONFERENCE FEE PAYMENT

The registration fee for conference and workshop participants is **250 EUR**. This fee includes: organisation costs, a CD-ROM of extended abstracts, morning and afternoon coffee breaks, lunches, dinners, conference banquet and special conference bus transport Pilsen - Hotel Horizont and back. Please note that no refunds will be granted in case of the registered participant's absence. Substitute delegates may be accepted.

The payment should be done before the deadline specified below and using the bank transfer to the account

**SWIFT: KOMBCZPPXXX**

**IBAN: CZ8101000000004811530257**

**Bank Code: 0100**

**Recipient: Department of Mechanics, University of West Bohemia, Pilsen**

**Information on payment: <participant name> or <registration ID> - CM2014 conference fee**

Please note that each payment has to be identified by the registration ID stated in the payment order. In the case of multiple payment, the IDs of all appropriate participants should be provided.

### CONFERENCE LANGUAGE

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

### DEADLINES

- **July 20, 2014** – on-line registration and brief abstract submission
- **August 1, 2014** – notification of contribution acceptance for oral presentation
- **October 5, 2014** – submission of two-page extended abstract and final registration – conference fee payment, hotel reservation, specification of meals requirements, booking of the conference bus

### ORGANISING COMMITTEE

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

**Workshop Chairman:** Prof. Dr. Ing. Eduard Rohan, DSc.

#### Members:

Ing. Alena Jonášová

Bc. Petra Pechmanová

Mgr. Ing. Jaroslav Vondřejc, Ph.D.

Ing. Martin Zajíček, Ph.D.

### CONFERENCE SECRETARIAT

Bc. Petra Pechmanová

Department of Mechanics

Faculty of Applied Sciences

University of West Bohemia

Univerzitní 22, 306 14 Plzeň

Czech Republic

Phone: +420 377 634 736

Fax: +420 377 634 702

E-mail: [vm@kme.zcu.cz](mailto:vm@kme.zcu.cz)