



# PING 2019



FACULTY OF MECHANICAL  
ENGINEERING  
UNIVERSITY  
OF WEST BOHEMIA

REGIONAL  
TECHNOLOGICAL  
INSTITUTE

Fourth PING Conference  
**Modern trends in material engineering**

FIRST CIRCULAR

10–13 September 2019

University of West Bohemia, Plzeň, Czech Republic

## Conference Focus

The conference will concentrate on recent trends and findings in the field of material engineering. The conference will cover metallography and microstructure analysis (light, electron microscopy, X-ray diffraction phase analysis), forming, heat treatment, additive manufacturing (3D printing), mechanical testing, defectoscopy, physical testing (DTA, dilatometry, etc.), modelling and simulation. The conference will provide a unique opportunity to share the latest information and knowledge and discuss them with other experts in the field.

## Conference Topics

- Additive manufacturing (3D print)
- Metal forming
- Heat treatment and thermomechanical processing of metals
- High-strength steels
- Non-ferrous metals
- Mechanical testing and thermophysical measurement
- Modelling (of processes and materials) and simulations in heat treatment and metal forming
- Use of microscopy and X-ray methods in research and in dealing with process issues
- Characterisation of microstructures produced by heat treatment and thermomechanical processing
- New techniques and methods in metallography

## General information

Conference dates: 10–13 September 2019

Venue: University of West Bohemia, Plzeň, Czech Republic

Conference language: Czech, Slovak and English

Posters will be displayed in the form of e-posters on the conference website.

## Deadlines

Registration	11 July 2019
Submission of abstracts	11 July 2019
Submission of papers/posters	11 August 2019
Conference fee payment	11 August 2019
Conference opening	11 September 2019
Social evening	11 September 2019
Conference closes	13 September 2019

## Fee

Authors of papers and posters	CZK 3,900
Attendees and co-authors	CZK 5,000
Doctoral student/full-time student authors of papers/posters	CZK 2,800
Doctoral student/full-time student attendees	CZK 3,700
Fee for journal publication (IOP Conference Series)	CZK 2,200

After the conference PING 2019, submitted papers will be peer-reviewed. The accepted ones will be published into journal IOP Conference Series: Materials Science and Engineering and sent to Web of Science for evaluation and indexing as well.



## Conference system

We ask conference participants to kindly register at [www.ping.zcu.cz](http://www.ping.zcu.cz). Once the registration process is completed, you will be able to upload abstracts and full texts of your contributions.

**Scientific Committee**

Prof. Ing. Tibor Kvačkaj, CSc.,  
 Prof. Ing. Ivo Schindler, CSc.,  
 Assoc. Prof. Adam Grajcar,  
 Prof. Ing. Petr Louda, CSc.,  
 Doc. Ing. Dana Stančková, PhD.,  
 Doc. Ing. Jana Bidulská, PhD.,  
 Doc. Ing. Nataša Náprstková, Ph.D.,  
 Doc. Ing. Miroslav Zetek, Ph.D., RTI,  
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 Doc. Ing. Ludmila Kučerová, Ph.D.,  
 Ing. Štěpán Jeníček, RTI,  
 Dr. Ing. Hana Jirková, Ph.D. , RTI,

University of Technology in Bratislava,  
 VŠB - Technical University of Ostrava,  
 Silesian University of Technology,  
 Technical University of Liberec,  
 University of Zilina,  
 University of Technology in Bratislava,  
 Jan Evangelista Purkyně University in Ústí nad Labem,  
 University of West Bohemia,  
 PILSEN TOOLS s.r.o., Plzeň,  
 COMTES FHT a.s., Dobřany,  
 RTI, University of West Bohemia,  
 University of West Bohemia,  
 University of West Bohemia,

Slovakia  
 Czech Republic  
 Poland  
 Czech Republic  
 Slovakia  
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**Paper – full texts**

The length of one contribution should be among 4 and 6 pages, including tables and figures, the maximal size is limited to 20MB. If you aim to publish your contribution in IOP Conference Series: Materials Science and Engineering (MSE) journal, all the texts have to be in English.

**Poster**

Posters will be displayed in the form of e-posters on the conference website. E-posters can be viewed throughout the conference at [www.ping.zcu.cz](http://www.ping.zcu.cz). They can be prepared using, for instance, MS PowerPoint or publishing tools (e.g. Adobe InDesign, Illustrator, Photoshop, Quark Xpress and others). You may use this [e-poster template](#). The file format is PDF (300 dpi, no less than 100 dpi).

**Presentation**

The normal presentation time is 15 minutes + 5 minutes for questions and answers. The presentation format should be PowerPoint (MS Office 2000 or higher); the recommended font size: 40 points, the presentation body text: approx. 25 points, but no fewer than 15 points. The file size should be no more than 50 MB.

**Instructions for authors**

Instructions for preparation of abstracts, full texts and presentation could be found in the section [For authors](#), which is located at the website of the conference.

We look forward to meeting you at the **PING 2019** Conference.

CONFERENCE THEMES, DEADLINES, CONFERENCE FEE, INSTRUCTIONS FOR AUTHORS, REGISTRATION, SUBMISSION OF ABSTRACTS, PAYMENT AND OTHER INFORMATION: [WWW.PING.ZCU.CZ](http://WWW.PING.ZCU.CZ)