



# COMAT 2016

Recent trends in structural materials



We congratulate Prof. Jozef Zrník to 70<sup>th</sup> jubilee.

## 4<sup>th</sup> International Conference on Recent Trends in Structural Materials

2<sup>nd</sup> ANNOUNCEMENT & CALL FOR PAPERS

November 9<sup>th</sup> - 11<sup>th</sup> 2016

Hotel Angelo, Plzen, Czech Republic, EU



COMTES FHT a.s.  
TANGER Ltd.  
Czech Society for New Materials and Technologies

## CONFERENCE SCOPE

The speed of transmission of new scientific and technological knowledge into the production practice is a critical factor affecting the competitiveness of enterprises in the engineering field.

The conference aim is, at international level, to hold joint meetings to promote cooperation between companies and research institutions, to establish and strengthen links that will lead to acceleration of new knowledge use.

## TOPICS

### PLENARY SESSION

November 9<sup>th</sup> 2016 from 10:00 to 12:00

### TOPICS

Advanced steels

Non-ferrous metals

Ultra-fine grained materials

Metals metallurgy (casting,...)

Metals Forming

Heat treatment

Thermomechanical treatment

Simulation of technological processes and material

Advanced material models (plasticity, ductile damage,...)

Materials testing and analysis

Metals joining (welding soldering, adhesives, alternative joining techniques..)

Additive manufacturing (3D print)

### POSTER SESSION

The poster session will take place on November 9<sup>th</sup> 2016 from 17:00 in the hotel Angelo.

The authors are kindly requested to come November 9<sup>th</sup> 2016 at 17:00 at the beginning of the meeting of the poster session.

### SCIENTIFIC COMMITTEE

<b>Dr. Tomasz BABUL</b>	<i>Institute of Precision Mechanics</i>	<i>Poland, EU</i>
<b>Assoc. Prof. RNDr. Mária BEHULOVA, CSc.</b>	<i>University of Technology in Bratislava</i>	<i>Slovakia, EU</i>
<b>Prof. Dr. Bruno BUCHMAYR</b>	<i>University of Leoben</i>	<i>Austria, EU</i>
<b>Prof. Wenquan CAO, Ph.D.</b>	<i>China Iron and Steel</i>	<i>China</i>
<b>Dr. Daniel CASELLAS</b>	<i>Fundació CTM Centre Tecnològic</i>	<i>Spain, EU</i>
<b>Prof. Dr. Jose CESAR de SA</b>	<i>University of Porto</i>	<i>Portugal, EU</i>
<b>Prof. Leszek Adam DOBRZANSKI</b>	<i>The Institute of Advanced</i>	<i>Poland, EU</i>
	<i>Manufacturing Technology Cracow</i>	
<b>Assoc. Prof. Ing. Jan DZUGAN, Ph.D.</b>	<i>COMTES FHT a.s., Dobrany</i>	<i>Czech Republic, EU</i>
<b>Prof. Ruslan Z. VALIEV</b>	<i>USATU, Ufa</i>	<i>Russian Federation</i>
<b>Prof. Ing. Jozef ZRNIK, CSc.</b>	<i>COMTES FHT a.s., Dobrany</i>	<i>Czech Republic, EU</i>

### CONFERENCE SECRETARIAT

<b>Ing. Katerina SEDLACKOVA</b>	<i>TANGER Ltd., Ostrava</i>	<i>Czech Republic, EU</i>
<b>Eva HULOVA</b>	<i>TANGER Ltd., Ostrava</i>	<i>Czech Republic, EU</i>
<b>Ing. Martina BOEHMOVA</b>	<i>COMTES FHT a.s., Dobrany</i>	<i>Czech Republic, EU</i>
<b>Mgr. Petra TUSKOVA</b>	<i>COMTES FHT a.s., Dobrany</i>	<i>Czech Republic, EU</i>

**TOPICS, DEADLINES, FEES, TRANSPORT, VISA, HOTEL, POI, INSTRUCTION FOR AUTHORS, REGISTRATION, ABSTRACT & PAPER SUBMISSION, PRESENTATION UPLOAD, ACCOMMODATION BOOKING, PAYMENT ETC. CAN BE FOUND ON:**

**[www.COMAT.cz](http://www.COMAT.cz)**

### PROGRAM COMMITTEE

**Ing. Libor KRAUS**  
*COMTES FHT a.s., Czech Republic, EU*

**Dr. Ing. Zbysek NOVY**  
*COMTES FHT a.s., Czech Republic, EU*

**Ing. Tasilo PRNKA**  
*TANGER Ltd., Ostrava, Czech Republic, EU*

### PUBLICATION OF THE PAPERS

After the conference, papers, which are included in the review process, are processed into a journal which will be sent for indexing in the database Web of Science / Web of Knowledge (Thomson Reuters) and Scopus (Elsevier). Criteria for inclusion of a paper in a journal:

scientific paper focused on the topic of the session and processed in the desired format according to the template, paid conference fee and fee for the publication in journal, presentation of the paper at the conference.

As part of the review process, authors may be asked to remove flaws. Reviewer prompts the author to correct the paper max. twice.

### INFORM YOUR COLLEAGUES

Just a few clicks and your colleagues will be informed. Quickly and easily. Please click on „Inform your colleagues“ on the conference website.

## GENERAL INFORMATION

**Date:** November 9<sup>th</sup> - 11<sup>th</sup> 2016  
**Venue:** Hotel Angelo  
U Prazdroje 6  
Pilsen, Czech Republic, EU  
**Language:** English

## CONFERENCE SYSTEM

Please register/Log in to the conference system for abstract and papers submission, presentation upload, accommodation booking, conference fee payments etc. - [www.COMAT.cz](http://www.COMAT.cz)

## ABSTRACTS

200 words min., 250 max., in English.

## PAPERS

Up to 6 pages incl. pictures, file size 20 MB max., in English. In other case please contact conference manager.

## POSTER SESSION

The poster session will take place on November 9<sup>th</sup> 2016 from 17:00 in the hotel Angelo. Poster size: 80 cm (width) × 120 cm (height). The poster text for publishing on CD can be up to 6 pages long, incl. pictures (file size 20 MB max).

## INSTRUCTION FOR AUTHORS

Please read carefully the instructions for creating abstracts, papers, posters, presentations - button **Instruction for Authors** on the conference website.

## CONFERENCE FEE

	Early Bird till Aug 1 <sup>th</sup> 2016	Fee after Aug 2 <sup>th</sup> 2016
Authors of papers and posters	205 EUR	220 EUR
Other participants and co-authors	220 EUR	235 EUR
Ph.D. students (daily study) with paper/poster	135 EUR	150 EUR
Other Ph.D. students (daily study)	150 EUR	165 EUR
Publication in journal, which will be sent for indexing into Thomson Reuters and Elsevier	100 EUR	100 EUR
Official letter of invitation	25 EUR	25 EUR

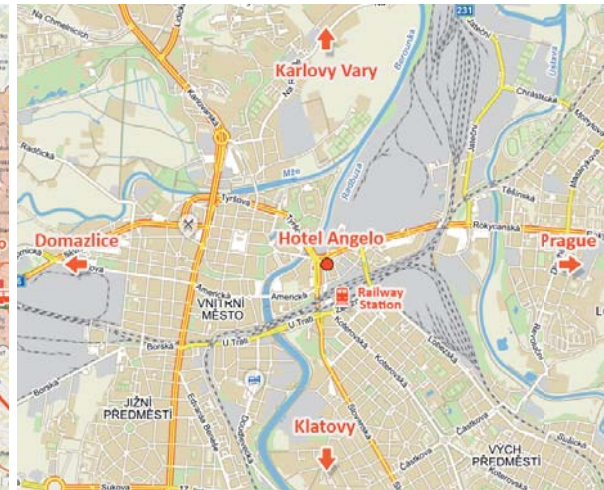
## DEADLINES \* subject to change

AUG *	SEP *	OCT	OCT	NOV	NOV	NOV	NOV	NOV
8	30	26	26	1	8	9	9	9
ABSTRACTS	PAPERS	PAYMENT	ACCOMMODATION	REGISTRATION	PRESENTATIONS UPLOAD	CONFERENCE OPENING	POSTER SESSION	SOCIAL EVENING

## TRANSPORTATION

**Airports** - Karlovy Vary (77 Km), Prague (91 Km),  
Brno (275 Km - from the hotel)

**Bus & Train** - [www.idos.cz](http://www.idos.cz)  
**Public transport** - [www.pmdp.cz](http://www.pmdp.cz) (line 1,2,11,13,15,16,17,28)  
**Car** - [maps.google.com](http://maps.google.com) (use Route planner)



## ACCOMMODATION

Please book and pay for your accommodation via the conference registration system. Booking deadline: October 26<sup>th</sup> 2016

Angelo hotel is modern a stylish 4-star hotel in the centre of Pilsen. The hotel is located directly opposite the Pilsen Urquell brewery and just 300 m from Pilsen Train Station. Guests of the hotel can relax in Fitness and Wellness centre. Hotel provides 144 rooms with free high-speed wifi. The restaurant has a summer terrace and serves Czech and international cuisine. The lobby features a bar.

## LUNCH, COFFEE BREAKS

Lunch and coffee breaks are included in the conference fee. It will be served at the hotel restaurant and lobby.

## SOCIAL EVENING

Social evening - November 9<sup>th</sup> 2016, 20:00. Pilsner Urquell Brewery

Social evening is included in the conference fee.

Please register at:  
[www.COMAT.cz](http://www.COMAT.cz)

## ACCOMPANYING PROGRAM

On Thursday, November 10<sup>th</sup> 2016, participants can refresh minds during accompanying program - excursion to the company COMTES FHT a.s. which is active in research and development of metal materials and its treatment. The company focuses primarily on applied material research and on research of forming and heat treatment technologies.

## ADVERTISING & SPONSORING

The prices are without VAT 21%

Company presentation - oral presentation 20 min or poster (free entry for 1 participant)	260 EUR
Accompanying exhibition during the conference* (free entry for 1 participant)	410 EUR
Color advertisement on the cover of printed List of Abstracts (A4)	410 EUR
Color advertisement on the inside front cover or inside of printed List of Abstracts (A4)	340 EUR
Black-and-white advertisement on the inside front cover or inside of printed List of Abstracts (A4)	190 EUR
Workshop / company presentation (price per hour)	230 EUR
Company logo / banner in the main auditorium	190 EUR
Corporate advertisement / presentation on a CD (up to 50 MB)	115 EUR
Distribution of promotional materials during check-in of participants	115 EUR
SPONSOR OF THE CONFERENCE	1115 EUR
GENERAL SPONSOR OF THE CONFERENCE	1800 EUR

\*) Exhibitors are required to insure the exhibited items against damage, theft, etc.

## HISTORY

The first international conference COMAT 2010 - MODERN TRENDS IN STRUCTURAL MATERIALS took place in November 2010 at PRIMAVERA Hotel & Congress center in Pilsen. The conference was organized by the research organization COMTES FHT a.s. at the 10<sup>th</sup> anniversary of its founding. It was attended by nearly one hundred experts from research organizations, universities and manufacturing companies from the Czech Republic, Slovakia, Poland, Germany, Austria, United Kingdom (UK) and Russia.

Expert lectures dealt with new materials from their design, research of properties through processing technology to their use in industrial production. Common topics of interest were found by specialists in metallurgical production, automotive, energy, aerospace industry, heavy engineering, electronics, and medicine.

Conference COMAT 2014 was held on November 19<sup>th</sup> - 21<sup>st</sup> at the Parkhotel Plzen. Conference was organized by company TANGER Ltd. and COMTES FHT a.s. 116 persons from the 11 countries attended the conference (Czech Republic, Germany, Poland, Slovakia, Russian Federation, Turkey, Thailand, Japan, Kazakhstan, Romania and Republic of Korea).

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## INTERNET

FREE



ZONE

FREE



INTERNET  
WORKSTATION

## BEST POSTER CONTEST

Take part in a contest for the best poster. The first three winners will be awarded prizes.



## CONTACTS

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