



 **COMAT 2018**  
Recent trends in structural materials

**5<sup>th</sup> International Conference  
on Recent Trends in Structural Materials**

**1<sup>st</sup> ANNOUNCEMENT & CALL FOR PAPERS**  
November 14<sup>th</sup> - 16<sup>th</sup> 2018  
Angelo Hotel, Pilsen, Czech Republic, EU



TANGER s.r.o.  
COMTES FHT a.s.  
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 the new knowledge use.

## TOPICS

### PLENARY SESSION

November 14<sup>th</sup> 2018, from 10:00 am to 12:00 pm

### TOPICS

Advanced steels  
Non-ferrous metals  
Ultra-fine grained materials  
Metals metallurgy (casting, etc.)  
Metals forming  
Heat treatment  
Thermomechanical treatment  
Simulation of technological processes and material  
Advanced material models (plasticity, ductile damage, etc.)  
Materials testing and analysis  
Metals joining (welding, soldering, adhesives, alternative joining techniques)  
Additive manufacturing (3D print)

### POSTER SESSION

The poster session takes place on Nov 14<sup>th</sup> 2018 from 17:00 pm at the Angelo hotel. The authors are kindly requested to come on Nov 14<sup>th</sup> 2018 at 17:00 pm, at the beginning of the poster session.

## SCIENTIFIC COMMITTEE

<b>Dr. Tomasz BABUL</b>	<i>Institute of Precision Mechanics</i>	<i>Poland, EU</i>
<b>Assoc. Prof. Dr. Maria BEHULOVA</b>	<i>University of Technology in Bratislava</i>	<i>Slovakia, EU</i>
<b>Prof. Dr. Michael BRUNIG</b>	<i>Bundeswehr University Munich</i>	<i>Germany, EU</i>
<b>Prof. Dr. Bruno BUCHMAYR</b>	<i>University of Leoben</i>	<i>Austria, EU</i>
<b>Prof. Dr. Wenquan CAO</b>	<i>China Iron and Steel</i>	<i>China</i>
	<i>Research Institute</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>Manufacturing Technology Cracow</i>	<i>Poland, EU</i>
<b>Assoc. Prof. Dr. Jan DZUGAN</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>Dr. Reinhard PIPPAN</b>	<i>Erich Schmid Institute</i>	<i>Austria, EU</i>
	<i>of Materials Science</i>	<i>Austria, EU</i>
<b>Dr. Mohsen SEIFI</b>	<i>ASTM International</i>	<i>USA</i>

## CONFERENCE SECRETARIAT

<b>Katerina SEDLACKOVA</b>	<i>TANGER s.r.o., Ostrava</i>	<i>Czech Republic, EU</i>
<b>Monika BAROSOVA</b>	<i>TANGER s.r.o., Ostrava</i>	<i>Czech Republic, EU</i>
<b>Katerina PODANA</b>	<i>COMTES FHT a.s., Dobrany</i>	<i>Czech Republic, EU</i>
<b>Martina NEDVEDOVA</b>	<i>COMTES FHT a.s., Dobrany</i>	<i>Czech Republic, EU</i>
<b>Eva HULOVA</b>	<i>TANGER s.r.o., Ostrava</i>	<i>Czech Republic, EU</i>

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

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

## PROGRAMME COMMITTEE

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

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

**Tasilo PRNKA**  
*TANGER s.r.o., 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 the 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 the journal, presentation of the paper at the conference.

As part of the review process, authors may be asked to remove flaws. The 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“ button on the conference website.



## GENERAL INFORMATION

**Date:** 14<sup>th</sup> - 16<sup>th</sup> November 2018  
**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. figures, file size 20 MB max., in English. In other case please contact the conference manager.

## POSTER SESSION

The poster session takes place on Nov 14<sup>th</sup> 2018 from 17:00 pm at Angelo hotel. Poster size: 80 cm (width) × 120 cm (height). Full text can be published on CD, range max. 6 pages incl. figures (file size max. 20 MB).

## 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 31 <sup>st</sup> 2018*	Fee from Sep 1 <sup>st</sup> 2018*
Authors of oral presentations and posters	230 EUR	250 EUR
Other participants and co-authors	250 EUR	265 EUR
PhD. students (daily study) with oral presentations / poster	155 EUR	170 EUR
Other PhD. students (daily study)	170 EUR	185 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

\* The organizer reserves the right to change the prices.

## DEADLINES

 \* subject to change

AUG *	SEP *	OCT	NOV	NOV	NOV	NOV	NOV	NOV
15	30	31	1	13	14	14	14	15
ABSTRACTS	PAPERS	PAYMENT	REGISTRATION	PRESENTATION UPLOAD	CONFERENCE OPENING	POSTER SESSION	SOCIAL EVENING	EXCURSION

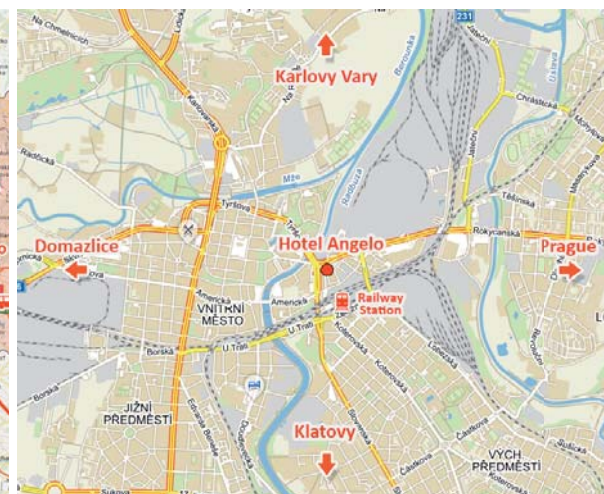
## TRANSPORTATION

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

**Bus & Train** - [www.idos.cz](http://www.idos.cz)

**Local Bus** - [www.pmdp.cz](http://www.pmdp.cz) (line 1, 2, 4, 12, 13, 28)

**Car** - [maps.google.com](http://maps.google.com) (use Route planner)



## ACCOMMODATION

**Participants book the accommodation by themselves.**

Angelo hotel is a modern and 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 served at the hotel restaurant and lobby are included in the conference fee.

## SOCIAL EVENING

The social evening - Nov 14<sup>th</sup> 2018, 20:00 pm Pilsner Urquell Brewery

The social evening is included in the conference fee.

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

## ACCOMPANYING PROGRAMME

On Thursday, November 15<sup>th</sup> 2018, participants can relax during an accompanying programme, an excursion to the company COMTES FHT a.s. which is active in research and development of metallic materials and their treatment. The company focuses primarily on applied material research and research of forming and heat treatment technologies.

## ADVERTISING & SPONSORING

The prices are without VAT 21%

Accompanying exhibition during the conference* (free entry for 1 participant)	590 EUR
Company presentation - 20 min oral presentation or poster (free entry for 1 participant)	355 EUR
Workshop / company presentation (price per hour)	390 EUR
Colour advertisement on the cover of printed publication „Abstracts“ (A4)	590 EUR
Colour advertisement inside printed publication „Abstracts“ (A4)	390 EUR
Black-and-white advertisement inside printed publication „Abstracts“ (A4)	235 EUR
Company logo / banner in the main auditorium	195 EUR
Distribution of promotional materials during check-in of participants	120 EUR
<b>SPONSOR OF THE CONFERENCE</b>	<b>1375 EUR</b>

\*) 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 centre in Pilsen. The conference was organized by the research organization COMTES FHT a.s. on the occasion of 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, The United Kingdom and Russia.

Conference COMAT 2016 was held on November 9<sup>th</sup> - 11<sup>th</sup> at the Angelo Hotel, Pilsen, Czech Republic, EU. The conference was organized by companies TANGER s.r.o. and COMTES FHT a.s. More than 140 persons from the 12 countries attended this conference (The Czech Republic, Poland, Slovakia, Germany, The Russian Federation, Turkey, Spain, Thailand, Portugal, Romania, Algeria and The United Kingdom).

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.

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

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



## INTERNET ON-SITE

FREE



ZONE

FREE



INTERNET  
WORKSTATION

## BEST POSTER CONTEST

Take part in a contest for the best poster. The best three posters will be awarded.



## CONTACTS

**Central office** +420 595 227 111

**Katerina SEDLACKOVA**  
conference manager +420 595 227 117

**Monika BAROSOVA**  
deputy manager +420 595 227 121

**Eva HULOVA** +420 595 227 112  
accounting

**Fax:** +420 595 227 110  
**E-mail:** [info@comat.cz](mailto:info@comat.cz)

**COMAT 2018**  
TANGER s.r.o.  
Pavlovova 6  
704 00, Ostrava-Zábřeh  
Czech Republic, European Union

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