

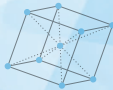
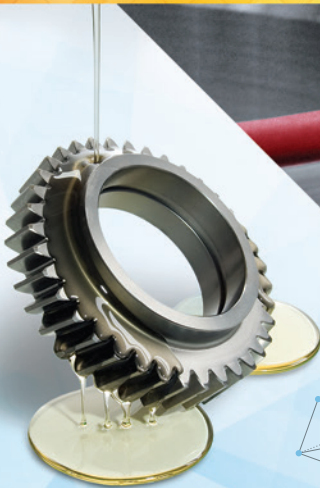
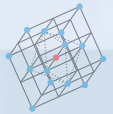
2<sup>nd</sup> Announcement

**24. – 25. 11. 2021**

Gustav Mahler Hotel  
**Jihlava**, Czech Republic



CONFERENCE ON **HEAT TREATMENT** OF METAL MATERIALS IN MODERN INDUSTRY



**ECOSOND**

**ATZK**



**CSNMI**

## Main Topics

- Materials for heat treatment, microstructure and properties relationships, distortion in heat treatment  
Changes in materials properties depending on the heat treatment
- Equipment and technologies for heat and thermo-chemical treatment of metals  
Equipment and technologies for surface heat treatment, rapid heating, CVD, PVD
- Low-pressure processes in heat and thermo-chemical treatment
- Development of materials for 3D printing, specifics of heat treatment of additive manufactured products
- Metallography in heat treatment – new trends, analysis of results and defects in heat treatment, mechanical testing  
Measurement methods for monitoring the heat treatment processes
- Modelling and simulation in heat treatment  
Heat treatment in upcoming Industry 4.0 - advanced data control and processing, service management
- E-mobility and its impact on heat treatment
- Heat treatment of non-ferrous and complex alloys
- Poster session



**THE BEST  
PAPER**

## SMA - Best Presentation Paper Contest

Take part in a contest for the best paper (for authors younger 35 years). The winner will be awarded prize **5 000,- Kč** and free participation on conference 2022. Full texts of papers should be submitted by **September 30<sup>th</sup> 2021**. The SMA results will be announced after the end of the sessions on November 25<sup>th</sup> 2021.

Selected papers will be considered for publication in journal **Defect and Diffusion Forum**, which is indexed **Scopus** databases.

## Conference Venue

### Jihlava, Hotel Gustav Mahler, Czech Republic

Křížová 4, 586 01 Jihlava, Czech Republic, GPS: N 49 23.883' E 15 35.434', [www.hotelgmahler.cz](http://www.hotelgmahler.cz)

The buildings of the former Dominican monastery, now Gustav Mahler Hotel belong, were founded during the early history of Jihlava. First written notes about the cloister are dated in the mid of 13<sup>th</sup> century. The original middle age cloister was rebuilt in a baroque-style during the 17<sup>th</sup> and 18<sup>th</sup> centuries. Gothic elements can be found in the southern part of the Cloister's ambit. The western part of the cloister had been designed in the baroque style, today part of the hotel facing to the street. Simultaneously in this time were the monastery refectories decorated with oval medallions - the frescoes patrons and founders of the Dominican order. Many historical events had occurred in the cloister. Among them most notably, had been the meetings held by the aristocracy that had influenced the historical movements in the Czech kingdom.



## Official Languages

Czech and English with simultaneous interpretation.

## Proceedings

Proceedings will contain participant's papers and advertisements section of those, who will pay the fee until the **September 30<sup>th</sup> 2021**. Manuscripts will be accepted in all conference official languages.

## Posters

Panels for posters 1 m (width) x 2 m (height) will be available.

## Presentation

Please send your PPT presentation until **November 15<sup>th</sup> 2021** on the address [conference@asociacetz.cz](mailto:conference@asociacetz.cz). The name of the presentation should follow the next example with filename of:

**surname\_dtz2021\_titleofpaper**

(the first 10 symbols of title).

## Company Presentations

Producers and users of facility for the heat treatment can use the lobby of the lecture room for installation of their posters, small expositions, distribution of their brochures and information service during the whole time of the conference. Moreover, a part of the proceedings will be kept for advertisements.

## ATZK Meeting

The meeting of ATZK members will be held on **November 23<sup>th</sup> 2021** at 8 p.m. in hotel Gustav Mahler.

## ☕ Meal and Evening Party

Coffee breaks and lunches are for participants reserved in hotel Gustav Mahler. Evening party will be held on **November 24<sup>th</sup> 2021** starting at 8 p.m. in hotel Gustav Mahler.

## 🏠 Accommodation

The accommodation is possible to be booked through the organizer of the conference only until **October 15<sup>th</sup>, 2021**. More information on [www.htconference.cz](http://www.htconference.cz).

## 🚗 Travel

Bus, train - [www.idos.cz](http://www.idos.cz)

Car - [maps.google.com](https://maps.google.com)

## 📅 Registration of Participants

Tuesday	23. 11. 2021	17:00 – 19:00
Wednesday	24. 11. 2021	8:30 – 16:00
Thursday	25. 11. 2021	8:30 – 10:00

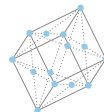
## 🌐 Internet

WiFi Zone

Internet Workstation

## 📅 Deadlines

<b>30. September</b>	papers
<b>15. October</b>	accommodation closing
<b>15. October</b>	Early Bird
<b>10. November</b>	registration closing
<b>15. November</b>	presentation sending
<b>23. November</b>	ATZK meeting
<b>24. November</b>	Conference Opening, Evening Party
<b>25. November</b>	SMA Contest, Closing Ceremony



## Conference Fees

## Fee EUR

Attendance fee for speakers and posters	<b>180,-</b>
Early bird attendance fee (before 15 October 2021)	<b>255,-</b>
Attendance fee (after 15 October 2021)	<b>275,-</b>
Attendance fee for members of ATZK	<b>220,-</b>
Attendance fee for students	<b>140,-</b>

Important information, main topics, instructions for authors, program, accommodation, conference fee, registration form etc.

[www.htconference.cz](http://www.htconference.cz)

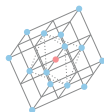
## Conference chairmen

### Association for the Heat Treatment of Metals, z.s.

Ing. Pavel Stolař, CSc.  
Ing. Filip Vráblík  
prof. Dr. Ing. Antonín Kříž

### Organising committee

Ing. Alexandra Musilová (ATZK, z.s.)  
Ing. Vladimíra Veselá (ECOSOND s.r.o.)



## Contact Address

Ing. Filip Vráblík  
Ing. Alexandra Musilová – Conference Secretariat  
Ing. Vladimíra Veselá - Chief Account

### Association for the Heat Treatment of Metals ECOSOND s.r.o.

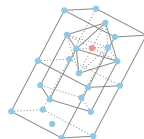
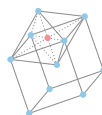
K Vodárně 531, 257 22 Čerčany, Czech Republic  
tel./fax: +420 317 777 772-5, tel.:+420 604 273 865  
e-mail: [asociacetz@asociacetz.cz](mailto:asociacetz@asociacetz.cz)

## Bank

Bank: Komerční Banka, a.s.- bank branch Benešov  
IBAN: CZ2501000000191485950227  
BIC: KOMBCZPPXXX, Details of payment: Conference 2021 + name of participant

## Organising and Programme Committee

prof. Ing. Peter Jurčí, PhD.  
Ing. Miloslav Kouřil, CSc.  
prof. Dr. Ing. Antonín Kříž  
Ing. Alexandra Musilová  
doc. Dr. Ing. Pavel Novák  
Ing. Pavel Šuchmann  
Ing. Jiří Stanislav, CSc.  
Ing. Pavel Stolař, CSc.  
Ing. Filip Vráblík



# Online Registration: [www.htconference.cz](http://www.htconference.cz)

## Sponsors

