

VSb-Technical University of Ostrava,
Faculty of Materials Science and Technology,
Centre for Advanced Innovation Technologies
& Yokohama National University

present the Tenth International Workshop

NEW METHODS OF DAMAGE AND FAILURE ANALYSIS OF STRUCTURAL PARTS

October 14 - 18, 2024
Ostrava, Czech Republic

<http://konference.fmt.vsb.cz/CPIT2024/>

Main Conference Topics

Damage and reliability of structural parts in service
Degradation processes in materials
Failure analysis of engineering parts
Instrumented Indentation Technique
Materials for medical applications
Monitoring and toxicity of materials
Nanostructured materials
Steel production and treatment technology
Transfer of materials research results into industry

Special Themes

Health Technologies
Construction and Building Materials

Important Dates

Deadline of registration: **July 31, 2024**
Deadline of submitting abstract: **July 31, 2024**
Deadline of payment: **August 31, 2024**

Registration

Category	Registration fee
Monday - Tuesday	
Student*	500 CZK / USD 25
Participant	6 000 CZK / USD 300
Monday - Friday	
Participant	18 000 CZK / USD 900

* Students of VSB-TUO have free admission

Only the registration fee version Monday - Friday includes full service, accommodation and tour. Payment should be made before **July 31, 2024 by bank transfer only**. The bank details for the transfer are as follows:

Account holder: VSB-TUO
Branch name: CSOB a.s.
Address: Hollarova 5, 702 00 Ostrava
Account number: 127089559/0300
Payment type code: 6602401
IBAN: CZ230300 0000 0001 2708 9559
Swift code: CEKOCZPP

* All transaction fees must be paid by the applicants.

Abstract Submission

Contributions must be prepared according to the abstract template available on the conference web site. The submission deadline is **July 31, 2024**. Please send your paper to e-mail address: cpit.conference@gmail.com

Conference Language

All lectures at the conference main section will be presented in English. The expected length of each presentation is approximately 20 minutes.

Organizing Committee

MAIN SECTIONS

Prof. Ing. Bohumir Strnadel, DrSc.,
VSB-Technical University of Ostrava (Chair)
Prof. Osamu Umezawa,
Yokohama National University (Co-chair)
Prof. Makoto Hasegawa,
Yokohama National University
Doc. Ing. Jan Siegl, CSc.,
Czech Technical University in Prague
Prof. Ivo Dlouhý, CSc.
Brno University of Technology

HEALTH TECHNOLOGIES

Doc. Mgr. Kristina Čabanová, Ph.D.
VSB-TUO (Chair)

CONSTRUCTION AND BUILDING MATERIALS

Doc. Ing. Bc. Oldřich Sucharda, Ph.D.
VSB-TUO (Chair)

STUDENTS SECTIONS (PHD)

Doc. Ing. Kateřina Skotnicová, Ph.D., VSB-TUO

The secretariate

Ing. David Dvořák, VSB-TUO
Ing. Klára Drobíková, Ph.D., VSB-TUO

Advisory Board

Dr. Kunio Hasegawa, Japan Atomic Energy Agency
Prof. Hiroshi Fukutomi, Yokohama National University

Executive Committee

Prof. Wataru Nakao, Yokohama National University
Prof. Tadahiro Shibutani, Yokohama National University
Prof. Equo Kobayashi, Tokyo Institute of Technology
Prof. Petr Haušild, Czech Technical University in Prague

Contact Address

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Workshop Chair

Prof. Ing. Bohumír Strnadel, DrSc.

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Program at a Glance

Monday, October 14th, 2024

09:00 - 10:00 Registration
10:00 - 11:30 Opening ceremony
11:45 - 12:45 Lunch
13:00 - 14:00 MATUR meeting
13:00 - 18:00 Lectures
Companies presentations

Tuesday, October 15th, 2024

09 – 17:00 Lectures
Companies presentations

Wednesday, October 16th, 2024

09 – 13:00 Lectures
Companies presentations

Thursday, October 17th, 2024

09:00 Departure from the campus to Vizovice
12:00 - 13:00 Lunch
14:00 - 15:30 Distillery tour (Rudolf Jelinek)
17:00 Accommodation in Luhačovice
20:00 Dinner, discussion

Friday, October 18th, 2024

09:00 Discussion
11:00 Conference closing

VISA

If you are requesting an invitation letter, please send your justification to conference secretary:

david.dvorak@vsb.cz

Transportation

Please inform our conference secretary to e-mail address (david.dvorak@vsb.cz) about your arrival time in Ostrava and your scheduled departure. We can pick you up from Ostrava-Svinov Railway Station.



Accommodation

Conference participants will be accommodated at the University Hotel (dormitory of VSB-TUO) in single or double rooms (about 10 minutes' walk from the conference lecture rooms)

Thursday/Friday Hotel in Luhačovice
(www.adamantino.cz)

Conference Venue

Door number:

- UA 2 – Opening ceremony
- UA 4 and UA 5 - Main Sections
- UA 3 - Special Themes Sections
- UA 178 - Students Sections



Proceeding

Conference proceedings will be sent into Trans Tech Publications Ltd.

The conference is realized within the framework of the projects:

Damage Prediction of Structural Materials
(No. CZ.02.1.01/0.0/0.0/17_048/0007373)

&

Innovative Therapeutic Methods of Musculoskeletal System in Accident Surgery
(No. CZ.02.1.01/0.0/0.0/17_049/0008441)

&

Materials and Technologies for Sustainable Development - MATUR
(No. CZ.02.01.01/00/22_008/0004631)



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