

**University of Defence Brno**  
**Faculty of Military Technology**  
**Department of Combat and Transport**  
**Vehicles**  
in collaboration with Club Academics at the  
University of Defence in Brno



**DETERIORATION**  
**DEPENDABILITY**  
**DIAGNOSTICS**  
**2017**

10<sup>th</sup> – 11<sup>th</sup> October 2017 Brno

Dear Friends!

The scientific conference DETERIORATION, DEPENDABILITY, DIAGNOSTICS 2017 is tied up with the previous traditional events in the area of quality, reliability and diagnostics. Its objective is to discuss a broad spectrum of issues from theory in the mentioned areas and their application in the mechanical engineering, transport, electrical engineering, civil engineering and military science as well as to enable exchange of information and experience between the industry, transport, services, research, academies and the Army of the Czech Republic personnel, and to arrange personal contacts between those involved in quality, reliability, diagnostics, and related areas. The scientific conference DETERIORATION, DEPENDABILITY, DIAGNOSTICS 2017 will be held under the auspices of the Dean of the Faculty of Military Technologies.

Conference Committee:

Col. prof. Štefan ČORNÁK, Dr.  
University of Defence, Brno

Alena BREZNICKA, PhD.  
A. Dubcek Trencin University

Prof. Peter DEMEČ, CSc.  
Technical University of Košice

Prof. Peter DROPPA, CSc.  
Armed Forces Academy of general  
M. R. Štefánik, Liptovský Mikuláš

Lt. Col. prof. Jan FURCH, Ph.D.  
University of Defence, Brno

Prof. Alexej CHOVANEC, PhD.  
A. Dubcek Trencin University

Dr Artur Kierzkowski  
Wroclaw University of Technology, Poland

Assoc. prof. Mariana KUFFOVÁ, PhD.  
Armed Forces Academy of general  
M. R. Štefánik, Liptovský Mikuláš

Assoc. prof. Pavel NOVOTNÝ, Ph.D.  
Technical University of Brno

Prof. Františka PEŠLOVÁ, PhD.  
Czech Technical University of Prague

Štefan PIVKO, PhD.  
A. Dubcek Trencin University

Col. Assoc. prof. Tomasz SMAL, Ph.D.,  
General T. Kosciuszko Military Academy  
Wroclaw, Poland

Assoc. prof. Jozef SVĚTLÍK PhD.  
Technical University of Košice

Lt. Col. Tomáš TÚRÓ, Ph.D.  
University of Defence, Brno

Lt. Col. prof. David VALIŠ, Ph.D., Ph.D.  
University of Defence, Brno

Dr Mateusz Zajac  
Wroclaw University of Technology, Poland

GENERAL INFORMATION

**Conference date: 10 – 11 October 2017**

**Conference Venue: Brno, University of Defence**  
**Šumavská 4,**

**University of Defence – Military Club**

**City public transport:** direction to Řečkovice from the  
railway station - tram No. 1, tram stop "Šumavská".

Preliminary program:

**10<sup>th</sup> Oct. 2017** 8:00 – 9:15 Registration  
9:30 – 9:30 Conference opening  
9:30 – 11:45 Keynote papers and  
presentation in sessions  
11:45 – 12:30 Break – lunch  
12:30 – 17:00 Presentations in sessions  
17:30 – 21:00 Formal meeting  
**11<sup>th</sup> Oct. 2017** 8:30 – 11:30 Selected workplaces tour  
at the UoD in Brno  
11:30 Closing remarks  
11:45 – 12:30 Break – lunch

**Conference fee: € 100,-**  
Including: „Book of Proceedings“ and related costs.  
**Conference fee: € 70,-**  
Including: “Publishing the paper in the conference proceedings without personal presence “

Accommodation: <http://cs.hotels.com/>.

Conference fee should be paid not later than **31<sup>st</sup> July 2017**.

Send your payment by bank transfer to:

Fio banka, a.s.

Account No: 2000527020 / 2010

IBAN CZ5420100000002000527020

BIC FIOBCZPPXXX

Variable symbol 1022017

To note: name and surname conference participant)

IČ: 02484404

Free of VAT

Bank charges should be at the charge of the payer.

Completed registration form with confirmation should be sent by post not later than **31<sup>st</sup> July 2017** to the address:

1<sup>st</sup> Lt. Zdeněk KROBOT, Ph.D., or

Michal Sojka, or

Lt. Col. Prof. David VALIŠ, Ph.D.,

University of Defence, Brno

Faculty of Military Technology, K – 202,

Kounicova 65, 662 10 Brno

Czech Republic

E-mail: [zdenek.krobot@unob.cz](mailto:zdenek.krobot@unob.cz)

[michal.sojka@unob.cz](mailto:michal.sojka@unob.cz)

[david.valis@unob.cz](mailto:david.valis@unob.cz)

Conference registration forms will not be confirmed; you will be notified if your requirements cannot be met.

2. „Book of Proceedings“ will be sent by post to those who pay the fee and do not take part in the conference (provided that they do not send a substitute attendee).

3. Conference fee is not refundable.

4. Organizers are entitled to change the conference agenda.

**Application form deadline: 31<sup>st</sup> July 2017**

Conference Professional Guarantor:

Prof. Jiří STODOLA

University of Defence Brno

Phone: +420 973 442 278

Fax: +420 973 443 384

E-mail: [jiri.stodola@unob.cz](mailto:jiri.stodola@unob.cz)

Organizational Guarantors:

Col. Prof. Štefan Čorňák, Dr.,

Lt. Col. Prof. David VALIŠ, Ph.D.,

1<sup>st</sup> Lt. Zdeněk KROBOT, Ph.D.

Michal Sojka

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662 10 Brno, Czech Republic

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[zdenek.krobot@unob.cz](mailto:zdenek.krobot@unob.cz)

[michal.sojka@unob.cz](mailto:michal.sojka@unob.cz)

**Important deadlines:**

**Paper submission, registration and fee payment: 31<sup>st</sup> July 2017**

## PROGRAM SCHEDULE OF THE INTERNATIONAL CONFERENCE

### DETERIORATION DEPENDABILITY DIAGNOSTICS 2017

**Brno 10<sup>th</sup> – 11<sup>th</sup> October 2017**

**Tuesday, October 10<sup>th</sup>, 2017**

8:00 - 9:00 Registration

9:15 - 11:30 Plenary session

Conference opening

Col. prof. Martin MACKO- Dean of FoMT UoD Brno

Prof. Jiří STODOLA - professional guarantor

9:45 - 11:45 Keynote lectures

11:45 - 13:00 Break - lunch

13:00 - 15:30 Presentations in sessions

15:30 - 17:00 Corporate presentations

17:30 - 22:00 Formal meeting

**Wednesday, October 11<sup>th</sup>, 2017**

8:30 - 11:15 Selected workplaces tour at the  
UoD in Brno

11:30 Closing remarks

11:45 - 12:45 Lunch

## INFORMATION AND INSTRUCTIONS

for the authors

Instructions for preparing of a lecture:

LECTURE TITLE

Degree, name, surname, organization (company)

All registered papers sent in due time must be supplemented with a reviewer's recommendation and will be included into a monograph. Authors take the responsibility for the correctness of texts and supplements. The paper (lecture, announcement) will not be further adapted; they will be copied electronically. The text (with supplements) shall not exceed **8 pages A4**. The required template is available on:

<http://activity.unob.cz/3d/>

In case the above mentioned instructions are not followed, the paper will not be included into the Book of Proceedings.

**Please submit your paper not later than 31<sup>st</sup> July 2017**

Each paper must be reviewed. Reviewer's recommendation has to be sent to the conference organization guarantor not later than **31<sup>st</sup> July 2017**.

# BINDING APPLICATION

International Conference  
**DETERIORATION  
DEPENDABILITY  
DIAGNOSTICS  
2017**

Brno 10<sup>th</sup> – 11<sup>th</sup> October 2017

Surname, name (degree): \_\_\_\_\_

Address: street \_\_\_\_\_

city \_\_\_\_\_

ZIP \_\_\_\_\_

country \_\_\_\_\_

Binding order for:

lunch: 10.10 \_\_\_\_\_ persons (á 5 €)

11.10 \_\_\_\_\_ persons (á 5 €)

Meals will be arranged at the canteen.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Participant signature

\_\_\_\_\_  
Organization seal

**Please submit your application form  
not later than 31<sup>st</sup> July 2017**

# R E C E I P T

## ON THE CONFERENCE FEE PAYMENT

(Filled in by the accounting department. The registration form will not be processed without payment!)

International Conference  
**DETERIORATION  
DEPENDABILITY  
DIAGNOSTICS  
2017**

Brno 10<sup>th</sup> – 11<sup>th</sup> October 2017

We hereby certify that on \_\_\_\_\_

we made a charging order to pay the conference fee for

Mr. \_\_\_\_\_

Mr. \_\_\_\_\_

Mr. \_\_\_\_\_

The exact address of the organisation (necessary for conformation of salaries) amounting:

Conference fee: 100 € per \_\_\_\_\_ persons

Conference fee: 70 € per \_\_\_\_\_ persons

Total \_\_\_\_\_ €

This amount was transferred to your account

From our account No.

\_\_\_\_\_  
Bank:

\_\_\_\_\_  
Seal and signature  
of the accounting dept.

As an exception, the conference fees may be paid in cash at the registration desk.

### Note:

Organizers are asking participants about the exact name and address workplace including company ID. The reason is to prepare a conformation of payment of the participation fee.