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Stanisław Pytko
Desider Sabo

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Paweł Drożdziel	Zbigniew Pater
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Tomasz Figlus	Bogusław Pijanowski
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Marcel Harakał	Jozef Puttera
Marek Jaśkiewicz	Milan Sága
Józef Jonak	Peter Spilý
Andrzej Kaźmierczak	Jiří Stodola
Henryk Kaźmierczak	Jan Szczepaniak
Jerzy Kisilowski	Jan Szlagowski
Grzegorz Klekot	Anna Timofiejczuk
Henryk Komsta	Andrzej Tylikowski
Krzysztof Kurzydłowski	Tadeusz Uhl
Štefan Liščák	Andrzej Wilk
Bogusław Łazarz	Wiesław Zwierzycki
	Bogdan Żółtowski

CONFERENCE COMMITTEE

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Paweł Drożdziel	– Co-chairman
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Štěpán Pavlov	Krzysztof Szczurowski
Peter Perun	Jarosław Seńko

TOPICS AND GOALS OF THE CONFERENCE

Forming of the level of technical risk, especially identification of hazards associated with degradation as well as wear and tear processes occurring during operations, should be done already at the stage of design. The factor, which essentially affects such behavior, is the possibility of process evolution forecasting. Very important is to have procedures of detection of the periods of initiation as well as the early, low-energy phases of development of such defects.

The purpose of the conference is presentation of the latest achievements in the field of modeling and simulation of mechanical systems' defects, diagnosis of failures resulting from wear and tear as well as low-energy defects, safety of technical systems as well as diagnosis of technical condition and development of defects in structures, and also the issues from the field of tribology and operations in the broad sense of the term.

CONFERENCE SECRETARIAT

Institute of Vehicles
Faculty of Automotive and Construction
Machinery Engineering
Warsaw University of Technology
Narbutta 84, 02-524 Warsaw, Poland
konferencje@mechatronika.info.pl
tel.: [+48] 22 234-81-17 to 19

CONFERENCE WEB SITE

<http://www.konferencje.mechatronika.info.pl>

Registration of the participants will be carried on using conference web site.

XVIII International Technical Systems Degradation Conference

Liptovský Mikuláš, 24 - 27 April 2019



CONFERENCE VENUE AND DATE

24.04-27.04 2019

Akadémia ozbrojených síl
generála M. R. Štefánika
Katedra strojárstva
03101 Liptovský Mikuláš
Demänová 215
Slovakia

LANGUAGE OF CONFERENCE & PUBLICATIONS

English is the basic language of the conference and of the publications. Presenting of the papers in Polish, Slovak or Czech is permitted but the **displayed presentation must be prepared in English.**

ACCOMMODATION

Full information regarding the possibilities of accommodation will be published at the conference's website.

REGISTRATION FEE

Conference registration fee:

700 PLN + 23% VAT = 861 PLN

Reduced fee for students and PhD students:

550 PLN + 23% VAT = 676,50 PLN

Fee for the accompanying person:

25 EUR (adult); 10 EUR (child); will be payed to the Conference Secretary (in Liptovský Mikuláš).

Fee reduction is possible in the case of the participants from Belorussia, Romania and Ukraine. Please contact the conference secretariat individually.

The fee gives the right to participate in the sessions (plenary and poster sessions), conference materials at CD-ROM's and the accompanying meetings.

Registration fee should be paid to the bank account:

**Polskie Naukowo-Techniczne Towarzystwo
Ekspluatacyjne
ul. Jagiellońska 55 (PIMOT)
03-301 Warszawa**

PKO Bank Polski S.A. IV O/Warszawa

83 1020 1042 0000 8102 0107 5449

With remark: XVIII ITSDC

IMPORTANT DATES AND REGISTRATION

- **11.03.2019** declaration of participation (by web-page);
- **11.03.2019** Extended Abstracts submitting (1-4 pages), by web-page, for inserting in the pre conference proceedings;
Payment of registration fee;
- **19.03.2019** notification of paper acceptance to oral or poster presentation;
- **14.06.2019** deadline for submission of full-length papers according to guidelines by web-page:
<http://www.publikacje.mechatronika.info.pl>
- **23.09.2019** editing of post-conference papers and sending to the selected journal's offices for printing materials from the conference.

Full content of the papers after receiving positive review will be published in journals (decision made by editors): "Diagnostics", "Proceedings of the Institute of Vehicles", "The Archives of Automotive Engineering" or "Machine Dynamics Research".

Sending the summaries and the full contents of the papers, as well as the decisions regarding acceptance of a paper and its qualification for oral presentation or poster session, should be done using conference web page. The presentation of the paper by its author as well as the fee payment is the condition for printing a paper in the materials from the conference.

Maximum size of the printed paper formatted according to the rules of "Diagnostics" Journal may not exceed 6 pages.

Detailed information could be found at the conference website:

<http://www.konferencje.mechatronika.info.pl>

XVIII ITSDC



**XVIII INTERNATIONAL
TECHNICAL SYSTEMS
DEGRADATION CONFERENCE**


**Liptovský Mikuláš
24.04-27.04 2019**

**The Armed Forces Academy
of General M. R. Štefánik
Liptovský Mikuláš, Department of
Mechanical Engineering**

The Armed Forces Academy of General Milan Rastislav Štefánik
Maintenance Section of the Committee on Machine Design of the Polish Academy of
Sciences, Institute of Vehicles
Faculty of Automotive and Construction Machinery Engineering, Warsaw University
of Technology
Faculty of Mechanical Engineering, Lublin University of Technology
University of Žilina, Slovak Republic
SDS Slovak Transport Society at the Slovak Academy of Sciences, Žilina
Polish Society of Technical Diagnostics
Polish Maintenance Society
Polish Society of Tribology
Industrial Institute of Agricultural Engineering
Automotive Industry Institute

**Warsaw University
of Technology**

**Faculty of Automotive
and Construction
Machinery Engineering**
WARSAW UNIVERSITY OF TECHNOLOGY



MECHATRONICS
OF AUTOMOTIVES AND CONSTRUCTION
MACHINERY ENGINEERING

<http://www.konferencje.mechatronika.info.pl>