



Invitation for 22nd International Seminar
**TRACK MAINTENANCE MACHINES
 IN THEORY AND PRACTICE**



Seminar is organised under the auspices of
 Rector of the University of Žilina
 Dr.h.c. Prof. Ing. Tatiana COREJOVÁ, PhD.

and

Director General of ŽSR
 Mgr. Martin ERDÖSSY

ORIENTAČNÁ MAPA MHD ŽILINY
 INFORMATION URBAN TRANSPORT MAP OF ŽILINA



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železničné stavby

ŽELEZNIČNÉ STAVBY, a. s.
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PROGRAMME AND ORGANIZING COMMITTEE:

Juraj ANTAL, Žel-Rail, s.r.o., Martin, SK
Peter BADO, GJW Praha s.r.o., CZ
Alexander ČAPLA, ŽSR, Bratislava, SK
Miroslav ĎURKOVSKÝ, ŽSR, Railway Research and Development Institute, Žilina, SK
Tomas DŽUGAN, Rail Servis Slovakia, s.r.o., Bystrička, SK
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Jiri PALAŠČAK, Railway Infrastructure Administration, s.o., TUDC Olomouc, CZ
Janka ŠESTÁKOVÁ, Faculty of Civil Engineering, University of Žilina, SK

ORGANIZATIONAL INSTRUCTIONS

- < **PLACE OF THE SEMINAR:** The lectures of the Seminar will be held in the University Campus, Block G-H (GAMA Club), Vysokoškolákov street 20 at Veľký diel, in Žilina, Slovakia.
- < **TRANSPORT:** From railway station - trolleybuses N^o 1, 6 or 14, bus N^o 30 - direction Vičince housing estate, see the enclosed map and <http://www.dpmz.sk/>.
- < **REGISTRATION:** on 24th October 2017 16⁰⁰ - 19³⁰ at the building of the Regional directorate of ŽSR, 1. Mája str., N^o 34
on 25th October 2017 from 7³⁰ at the GAMA Club, University Campus, block G - H.
- < **PARTICIPATION FEE:** 75 € (for one of authors only 40 €) covers the registration, proceedings and refreshment.
- < **BOARDING:** It is possible to order lunches (5,50 € each) and evening reception at October 25 (8 €). Order of boarding is obligatory.
- < **ACCOMMODATION:** It is possible to book accommodation at DUOTOUR Travel Agency, 013 22 Rosina 405, county Žilina, Slovakia, tel./fax: +421 904 692 592, e-mail: ckduotour@gmail.com or individually (<http://www.limba.sk>).
- < **PAYMENT INSTRUCTIONS:** The participation fee and fee for boarding should be paid by bank transfer. The participation fee paid cash at the registration desk will be higher (85 € or for one of authors 50 €). Payment by credit card cannot be accepted at the registration desk.

Please pay in our favour:

Beneficiary: VTS pri Žilinskej univerzite v Žiline, Univerzitná 1, 010 26 Žilina, Slovakia
IBAN: SK6009000000000076511456
var. s. 120, const. s. 385
Beneficiary's bank: Slovenská sporiteľňa a.s. Bratislava, S.W.I.F.T.: GIBASKBX

Please, send your application till the 29th September 2017 to the address:

Daniel Kalinčák
VTS pri ZU v Žiline
Univerzitná 1
010 26 ŽILINA
SLOVAK REPUBLIC

10¹⁰- 10³⁵ DISCUSSION

10³⁵- 11⁰⁰ COFFEE BREAK

11⁰⁰-12²⁰ LECTURES

SIKORA Radomil, RMT s. r. o., Paskov, Czech Republic

Measurement of geometric parameters of railway wheels, wheelsets and rails by measuring laser's instruments

ZELENKA Jaromír, doc., Ing., CSc., Transport Faculty Jana Pernera, Univerzity of Pardubice, Czech Republic

Wheel running profile and its wearing in relation to TSI

MALINČÍK Stanislav, doc., Ing., PhD., Faculty of Mechanical Engineering, University of Žilina, Slovakia

Reliability of heating of railway switches in Slovakia

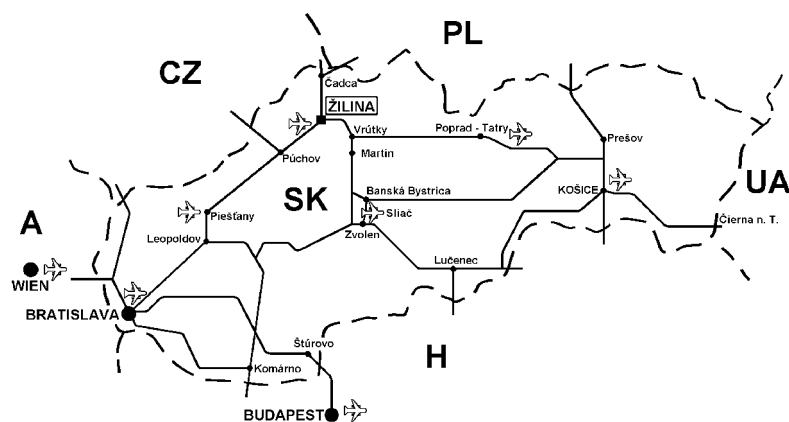
HAUSER Vladimír, Ing., NOZHENKO Olena, doc., Ing., PhD., KRAVCHENKO Kateryna, doc., Ing., PhD., LOULOVÁ Mária, Ing., PhD., GERLÍCI Juraj, prof., dr. Ing., LACK Tomáš, doc., Ing., PhD. Faculty of Mechanical Engineering, University of Žilina, Slovakia

Proposal of a non-conventional method for tramcar passing through strongly curved track

12²⁰-12⁴⁰ DISCUSSION

12⁴⁰-12⁵⁰ CLOSING ADDRESSES

13⁰⁰ LUNCH



Chairman of Programme and Organizing Committee: Daniel KALINČÁK, Department of Transport and Handling Machines, FME, University of Žilina, Univerzitná 1, 010 26 ŽILINA, SLOVAKIA. Tel.: +421 41 513 2650, Tel./Fax: +421 41 5254 440, Mobil: +421 907 586 005, e-mail: daniel.kalincak@fstroj.uniza.sk.

Committee secretary: Dalibor BARTA, Department of Transport and Handling Machines, FME, UZ, Univerzitná 1, 010 26 ŽILINA, SLOVAKIA. Tel.: +421 41 513 2654, Fax: +421 41 5254 440, Mobil: +421 918 663 371, e-mail: dalibor.barta@fstroj.uniza.sk.

The aim of the Seminar is to bring information to participants about state and perspectives of development in the field of track maintenance machines, small and heavy machinery for track construction and maintenance, rail/road vehicles, track measurement devices and track diagnostics etc.

PROGRAMME OF THE SEMINAR

October 24, 2017

16⁰⁰-19³⁰ Registration of participants at the ŽSR Regional Directorate Žilina, 1. Mája str. N° 34, Žilina

October 25, 2017

from 7³⁰ Registration of participants at the GAMA Club (University Campus - block G-H)

9¹⁵ - 9⁴⁵ OPENING CEREMONY, FESTIVE ADDRESSES

9⁴⁵ - 10⁰⁰ BREAK

10⁰⁰-11⁴⁰ LECTURES

KUPČULIAK Peter, Ing., PhD., ŽSR, Žilina, Slovakia

The requirements of the modernized railway tracks for the means of mechanization from its operation and maintenance aspect

SVOBODA Jiří, Bc., KOVAŘÍK Radovan, Ing., SŽDC s. o., Praha, Czech Republic

Conception of modernization SŽDC on track machines and the present state

TĚTEK Jan, Ing., NĚMEC Josef, Ing., Aurora Engineering, s. r. o., Praha, Czech Republic

Trends in the railway track machinery development

DANĚK Pavel, Ing., TĚTEK Jan, Ing., NĚMEC Josef, Ing., Aurora Engineering, s. r. o., Praha, Czech Republic

New trends of the railway traction systems

ŠTĚPÁNEK Jiří, Ing., SVĚRÁK Luboš, Ing., RULC Milan, Ing.,
CZ LOKO, a.s., Česká Třebová, Czech Republic
Special vehicles MMD.2 and DJ NDT

11⁴⁰-12⁰⁵ DISCUSSION

12⁰⁵-13³⁰ LUNCH

13³⁰-14⁵⁰ LECTURES

KRULIKOVSKÝ Ondřej, Ing., DUBA Petr, Ing., JANECKÝ Ivo,
Dopravní podnik hl. m. Prahy, a. s., Czech Republic

Modernization of Kolzam WŽB vehicle

ŠTEFEK Alan, Ing., LAPČÍK Vít, Ing., VOLDÁN Josef, SDS
Praha s. r. o., Czech Republic

Commissioning of self-propelled track ballast bed cleaning
machine SC1000 in Tichoreck in Russia

HANUŠ Petr, Ing., Chládek a Tintěra, Pardubice, a. s., Czech
Republic

Experience with track grinding with grinding machine SPML 16-2

FIALA Pavel, Ing., KARÁSEK Jakub, Ing., SŽDC s. o., TÚDC
Praha, Czech Republic

New types of wrenches with a continual record of tightening
torques at fastening points

14⁵⁰-15¹⁰ DISCUSSION

15¹⁰-15³⁰ COFFEE BREAK

15³⁰-16⁵⁰ PRESENTATION OF COMPANIES:

RAILWAY RESEARCH INSTITUTE, j.s.c., Praha, Czech
Republic

DIAGO SF s. r. o., Brezno, Slovakia

HMH, s. r. o., Bratislava, Slovakia

GEISMAR, Colmar, France

HARSCO RAIL EUROPE GmbH, Düsseldorf, Germany

VHC TRADE spol. s r. o., Praha, Czech Republic

PROCHÁZKA MP s. r. o., Blansko, Czech Republic

16⁵⁰-17¹⁰ COFFEE BREAK

17¹⁰-18³⁰ LECTURES

VYSKOČ Peter, Ing., TSS GRADE a. s., Bratislava, Slovakia,
BÉLI János, Ing., MÁV KFM Kft, Budapešť, Hungaria

Diagnostic measurement of the rails on the latest measuring rail
network RAILWAYS through a presentation developed by the
truck diagnostics

VAZAČ Matouš, Ing., SŽDC s. o., TÚDC Praha, Czech Republic
Diagnostic train unit for the detection of defects in rails

KÁPLOVÁ Veronika, Ing., TUREK Josef, Ing., CSc., MAREK
Milan, Ing., Komerční železniční výzkum, spol. s r. o., Praha,
Czech Republic

The rail corrugation measuring and evaluation by GEKON device
KOTAJNÝ Petr, Ing., TUREK Josef, Ing., CSc., Komerční
železniční výzkum, spol. s r. o., Praha, Czech Republic

Approval tests of the Krab S-Light device by SNCF and DB

18³⁰-18⁵⁰ DISCUSSION

19⁰⁰ EVENING RECEPTION

October 26, 2017

8³⁰-10¹⁰ LECTURES

URDA Ján, Ing., ŽSR, Railway Research and Development
Institute, Žilina, Slovakia

Monitoring of operating conditions sections with the springing
elements at the Slovak railways

MOLNÁR Péter, Dr., Metalelektró Measuring Technique Ltd.,
Budapest, Hungary

The importance of the neutral temperature measurement in
consideration of the rail damages

ČERNÁ Lucie, Bc., VŠB – TUO, Ostrava, Czech Republic

Influence of technology installation of railway switches on the
geometrical parameters during of their operation and its
optimalization

ĎURKOVSKÝ Miroslav, Ing., URDA Ján, Ing., ŽSR, Railway
Research and Development Institute, Žilina, Slovakia

Continuous welded rail – Methods of ballast bed lateral resistance
increasing

GALLOVIČ Tomáš, Ing., MC-Bauchemie, s. r. o., Senec,
Slovakia

MC-Ballastbond, ballast stabilization by resin bonding technology
- application railway reconstruction Vrútky - Varín, strečniansky
tunnel and application of sample area in Brezno - Halny

DUOTOUR, travel agency

013 22 ROSINA 405, county ŽILINA

tel.: ++421 904 692 592 E-mail: ckduotour@gmail.com

offers and secures board accommodation in hotels:

Hotel DUBNA SKALA** Žilina**

Hotel Dubna Skala is the first four-star boutique hotel, located in the historic center of Žilina.

Price (accommodation including breakfast, parking, internet):

single room	106 €
double room	137 €

PALACE Hotel POLOM**+ Žilina**

Exclusive hotel, which has a century of tradition. Hotel is situated in the town city centre.

Price (accommodation incl. breakfast, parking, internet, sauna):

single room	80 €
double room	111 €

Hotel BOSS** Žilina**

New hotel is situated in the historical city centre near hotel Slovakia

Price (accommodation including breakfast, parking):

single room	65 €
double room	90 €
single room LUX	72 €
double room LUX	99 €

Hotel SLOVAKIA* Žilina**

- is located in the city centre. The hotel has night bar, swimming pool, sauna, solarium.

Price (accommodation including breakfast):

single room	32 €
double room	54 €

Hotel GRAND*+ Žilina**

- is situated right in the historic town centre. In hotel is newly opened Grand wellnessclub.

Price (accommodation including breakfast, Wellnessclub, WIFI):

single room LUX	70 €
double room LUX	101 €

In case of abolishing the order, CK DUOTOUR charges these storno-taxes:

till 5 days before arrival	without tax
4 - 2 days before arrival	80% of calculated price
less than 2 days and no abolished orders	100% of calculated price.

SETRAS 2017

Dear ladies and gentlemen,

We are preparing the 22nd International Seminar „Track Maintenance Machines in Theory and Practice - SETRAS 2017“, which will take place in the University of Žilina in October 25 - 26, 2017. Usually about 180 specialists from Slovak Republic, Czech Republic and other countries (e.g. Austria, England, Finland, Germany, Hungary, Poland, Russia etc.) participate in the Seminar.

We offer to Your company possibility to advertise your products and services in this field in the Proceedings of Seminar. The Proceedings will be printed on format B5 (176 x 250 mm). Fees for one page of advertisement in the Proceedings of seminar are:

black&white page	90 €
two color page	150 €
full color page	225 €.

Fees include only printing of advertisements delivered in the suitable form. Advertisements should be delivered in electronic form (preferably in format *.pdf or *.cdr)

It is possible to exhibit some smaller products in mini-exhibition, which will be in the area adjacent to the Seminar rooms. For this purpose tables and chairs will be provided. Panels for leaflet displaying, texts, pictures, photos etc. will be available too.

Fees for this ways of presentation are as follows:

Table or panel	85 €,
Exhibition of your own panel	50 €,
Free exhibition area	50 €/1 m ² .

If you are interested in advertising of your company in the Seminar SETRAS 2017, please fill in enclosed order and send it (including prepared advertisement) **no later than on September 11, 2017** to the address:

prof. Ing. Daniel KALINČÁK, PhD.
VTS pri Žilinskej univerzite
Univerzitná 1
010 26 ŽILINA
SLOVAKIA

Tel.: (+421 41) 513 2650, Tel./Fax.: (+421 41) 5254 440, e-mail: daniel.kalincak@fstroj.uniza.sk.

Invoice will be send to you immediately after seminar. If you will order advertisement, we will send to you one free copy of Proceedings of Seminar SETRAS 2017 till the end of November 2017.

Please fill in and send to the following address not later than September 29, 2017
prof. Ing. Daniel KALINČÁK, PhD.
VTS pri ŽU
Univerzitná 1
010 26 ŽILINA, SLOVAKIA

APPLICATION FOR THE ACCOMMODATION IN HOTEL:

OBLIGATORY APPLICATION

I confirm my attendance at the 22nd International Seminar „Track maintenance machines in theory and practice - SETRAS 2017", which will take place on October 25 - 26, 2017 at the University of Žilina.

Name: Scientific degree(s):
Surname: Mr. Mrs.
Position:
Organisation (company):

Address:

Postcode: Country: Phone:
Fax: Mobil: E-mail:

I obligatory order lunches (price à 5,50 €):
on October 25, 2017: **yes no**,
on October 26, 2017: **yes no**.

I will participate in Evening Reception on October 25, 2017 (price 8 €): **yes no**.

I have paid participation fee by remittance to **account at bank Slovenská sporiteľňa a.s. Bratislava, IBAN: SK600900000000076511456** and I enclose a copy of the bank transfer: **yes no**.

I will pay cash on registration: **yes no**

I suppose my registration on: **October 24, 2017 October 25, 2017**.

Name and surname: Date: Number of nights: Double/single room:

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Your address:

Bank connection:

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ATTENTION:

Your application is obligatory. In case of abolishing of the order storno-taxes will be charged.

You will get the invoice for accommodation together with the confirmation of your accommodation.

Send the fulfilled application **until October 10, 2017** the latest to the address:

DUOTOUR, 013 22 ROSINA 405, county ŽILINA, Phone.: ++421 904 692 592

E-mail: ckduotour@gmail.com

In Date

Date: Signature:

The application form may be used for one participant only. In case of interesse, please use a copy. Those who have paid by transfer are asked to attach confirmation of payment or to present it at registration.

.....
signature and stamp

Send the filled in Order form **until September 11, 2017** at the latest to address:
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- ... pages of black&white advertisement (90 € per page),
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Fee includes only printing of the advertisement which is delivered in the form suitable for printing.

We will deliver needed texts and pictures of the advertisement **till September 11, 2017** and we will pay the invoice for the advertisement immediately after its receiving.

We would like to present our company in different way and we order:

- ... table(s) (85,- €),
- ... panel(s) (85,- €),
- ... exhibition of our own panel(s) (50,- €),
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Date: Signature:

Remarks: