

ORIENTAČNÁ MAPA MHD ŽILINY
INFORMATION URBAN TRANSPORT MAP OF ŽILINA



Invitation for 20th International Seminar

**TRACK MAINTENANCE MACHINES
IN THEORY AND PRACTICE**



Seminar organised under the auspices of

Rector of the University of Žilina
Dr.h.c. Prof. Ing. Tatiana COREJOVA, PhD.

and

Director General of ZSR
Ing. Stefan HLINKA

SPONSORS OF THE SEMINAR SETRAS 2014



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ORGANIZATIONAL INSTRUCTIONS

- < **PLACE OF THE SEMINAR:** The lectures of the Seminar will be held in the University Campus, Block G-H (GAMA Club), Vysokoskolakov street 20 at Velky diel, in Zilina, Slovakia.
- < **TRANSPORT:** From railway station - trolleybuses N^o 1, 6 or 14, bus N^o 30 - direction Vlince housing estate, see the enclosed map and <http://www.dpmz.sk/>.
- < **REGISTRATION:** on **4th November 2014** 16⁰⁰ - 19³⁰ at the building of the Regional directorate of ZSR, 1. Maja str., N^o 34
on **5th November 2014** from 7³⁰ at the GAMA Club, University Campus, block G - H.
- < **PARTICIPATION FEE:** 70 € (for one of authors only 35 €) covers the registration, proceedings and refreshment.
- < **BOARDING:** It is possible to order lunches (5,30 € each) and evening reception at November 5 (8 €). Order of boarding is obligatory.
- < **ACCOMMODATION:** It is possible to book accommodation at DUOTOUR Travel Agency, 013 22 Rosina 405, county Zilina, Slovakia, tel./fax: +421 904 692 592, e-mail: duotour@nextra.sk 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 (80 € or for one of authors 45 €). Payment by credit card cannot be accepted at the registration desk.

Please pay in our favour:

Beneficiary: *VTS pri Zilinskej univerzite v Ziline, Univerzitna 1, 010 26 Zilina, Slovakia*
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Beneficiary's bank: *Slovenska sporitelna a.s. Bratislava, S.W.I.F.T.: GIBASKBX*

Please, send your application till the 6th October 2014 to the address:

Daniel Kalincak
VTS pri ZU v Ziline
Univerzitna 1
010 26 ZILINA
SLOVAK REPUBLIC

HARTMANN Miroslav, Ing., Viamont DSP j.s.c., Usti nad Labem, Czech Republic
Complex Repair of Turnouts Located in the Main Tracks Corridor Lines ZSR

9⁵⁰- 10¹⁰ **DISCUSSION**

10¹⁰- 10³⁰ **COFFEE BREAK**

10³⁰-12¹⁰ **LECTURES**

PISTEK Lumir, Ing., MESIT devices Ltd., Uherske Hradiste, Czech Republic

Benefits of tachograph set for operation, analyses of drive records by T62 win program

BADO Peter, Ing., GJW Prague Ltd., Czech Republic

Ballast profiling and track stabilisation on railway lines of CSD/CD/SZDC/ZSR

KUPCULIAK Peter, Ing., PhD., ZSR Regional Directorate Zilina, Slovakia

Possibilities of an alternative method of temporary ensuring quarry rail

ISTVANIK Marian, MC-Bauchemie, Ltd., Bratislava, Slovakia

MC-Ballastbond, ballast stabilization by resin bonding technology, application on railway reconstruction Vrutky-Varin, Strecniansky tunnel

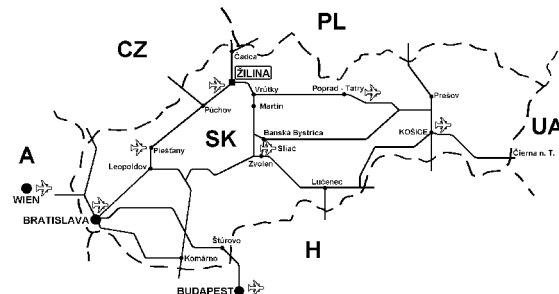
FIALA Pavel, Railway Infrastructure Administration, s.o., TUDC Olomouc, Czech republic

Knowledge of technological processes and work of universal tamping machines and related faults and shortcomings

12¹⁰-12³⁵ **DISCUSSION**

12³⁵-12⁴⁵ **CLOSING ADDRESSES**

12⁴⁵ **LUNCH**



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

November 4, 2014

16⁰⁰-19³⁰ Registration of participants at the ZSR Regional Directorate Zilina, 1. Maja str. N^o 34, Zilina

November 5, 2014

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

9¹⁵ - 9⁴⁵ **OPENING CEREMONY, FESTIVE ADDRESSES**

9⁴⁵ - 10⁰⁰ **BREAK**

10⁰⁰-11⁰⁰ **LECTURES**

TESAR Petr, Ing., Liebherr-Stavebni stroje CZ Ltd., Popuvky u Brna, Czech Republic

A comprehensive offering of Liebherr machines for construction, renovation and maintenance of trail – tower cranes

ZIVKOVIC Dragan, Plasser & Theurer, Viena, Austria

Actual aspects of repair and maintenance works on railway tracks

HOLTHAUS Rostyslava, Holthaus Consulting, Heiligenhaus, Germany

Economic track maintenance with modular track machines and innovative materials in the superstructure.

11⁰⁰-11¹⁵ **DISCUSSION**

11¹⁵-11⁴⁰ **COFFEE BREAK**

11⁴⁰-12⁴⁰ LECTURES

CECH Juraj, Ing., Liebherr-Stavebni stroje CZ Ltd., Popuvky u Brna, Czech Republic

A comprehensive offering of Liebherr machines for construction, renovation and maintenance of trails – wheeled excavator A 922 Rail

KORECZ Kamil, Ing., SaZ Invest Ltd., Martin, Slovakia, **MACOUREK**

Volkang, Ing., SaZ Ltd., Hodonin, Czech Republic

CAT M315 DUO road-rail excavator

MIKOLAJCIK Martin, Ing., **KALINCAK Daniel, prof., Ing., PhD.**, Faculty of Mechanical Engineering, University of Zilina, Slovakia

Modes of power transmission of road/rail vehicles in to the top of the rail and the issue of their braking

12⁴⁰-12⁵⁵ DISCUSSION

12⁵⁵-14¹⁵ LUNCH

14¹⁵-15³⁵ LECTURES

URDA Jan, Ing., ZSR Railway Research and Development Institute, Zilina, **MANDULA Jan, doc., Ing., PhD.**, Faculty of Civil Engineering, Technical University of Kosice, **ZAVODSKY Tomas, Ing., PhD.**, ZSR Railway Research and Development Institute, Zilina, Slovakia

Measurement of noise, roughness and track decay rate in relationship to the TSI requirements

HEJZLAR Lukas, Ing., **HLAVACEK Jan, Ing.**, **KOLMACKA Rostislav, DiS.**, Railway Research Institute, j.s.c., Prague, Czech Republic

Effect of acoustic roughness and corrective grinding of railheads on noise emissions

VESELY Libor, Ing., Dr., PhD., MEAS Prog Ltd., Prague, Czech Republic

Salamander - contactless laser rail roughness and corrugation meter

HLAVACEK Jan, Ing., **HEJZLAR Lukas, Ing.**, **KOLMACKA Rostislav, DiS.**, Railway Research Institute, j.s.c., Prague, Czech Republic

The efficiency of noise reduction measures on a railway – low-height noise barriers

15³⁵-15⁵⁵ DISCUSSION

15⁵⁵-16¹⁵ COFFEE BREAK

16¹⁵-16³⁵ PRESENTATION OF COMPANIES:

CZ LOKO, a.s., Ceska Trebova, Czech Republic
Commercial Railway Research Ltd, Prague, Czech republic

16³⁵-17⁵⁵ LECTURES

SIKORA Radomil, RMT, Ltd., Paskov, Czech Republic

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

SHCHEMEROVA Anastasiya, MATISA Matériel Industriel S.A., Crissier, Switzerland

MATISA Track Auscultation Vehicles: a reliable, modern and pragmatic solution for monitoring railway track conditions

STEPANEK Jiri, Ing., **SPRYNAR Karel**, **SVERAK Lubos, Ing.**, CZ LOKO, j.s.c., Ceska Trebova, Czech Republic

Special measuring vehicle MMD.1

VINKO Akos, Eng., Budapest University of Technology and Economics, Hungary

Tramway track diagnostic method using wheel-mounted inertial sensors

17⁵⁵-18¹⁵ DISCUSSION

19⁰⁰ EVENING RECEPTION

November 6, 2014

8³⁰- 9⁵⁰ LECTURES

URDA Jan, Ing., ZSR Railway Research and Development Institute, Zilina, **MANDULA Jan, doc., Ing., PhD.**, Faculty of Civil Engineering, Technical University of Kosice, Slovakia

The selected problems of measurement and evaluation of wearing the ZSR frogs

VESELY Libor, Ing., Dr., PhD., MEAS Prog Ltd., Prague, Czech Republic

Experiences with measurements of frog tips

MAROSI Akos, BELI Janos, MAV Central Rail and Track Inspection Ltd., Budapest, Hungary

Type of rail contact fatigue and its inspection equipment

DUOTOUR, travel agency

013 22 ROSINA 405, county ZILINA

tel.: ++421 904 692 592 E-mail: duotour@nextra.sk

offers and secures board accommodation in hotels:

Hotel DUBNA SKALA**** Zilina

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

Price (accommodation including breakfast, parking, internet):

single room	106 €
double room	127 €

PALACE Hotel POLOM****+ Zilina

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	70 €
double room	101 €

Hotel BOSS**** Zilina

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

Price (accommodation including breakfast, parking):

single room	65 €
double room	90 €

Hotel SLOVAKIA*** Zilina

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

Price (accommodation including breakfast):

single room	40 €
double room	60 €

Hotel GRAND***+ Zilina

- 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 €

Hotel ASTORIA*** Zilina

Hotel Astoria has prestigious location in the centre of old town of Zilina, close to cultural and shopping center.

Price (accommodation including breakfast, internet):

single room	40 €
double room	70 €

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 2014

Dear ladies and gentlemen,

We are preparing the 20th International Seminar „Track Maintenance Machines in Theory and Practice - SETRAS 2014“, which will take place in the University of Žilina in November 5 - 6, 2014. 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	140 €
full color page	215 €

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	75 €
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 2014, please fill in enclosed order and send it (including prepared advertisement) **no later than on September 22, 2014** to the address:

prof. Ing. Daniel KALINCAK, PhD.
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010 26 ZILINA
SLOVAKIA

Tel.: (+421 41) 513 2650, Tel./Fax.: (+421 41) 5254 440, 5253 016, 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 2014 till the end of November 2014.

Please fill in and send to the following address
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 prof. Ing. Daniel KALINCAK, PhD.
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OBLIGATORY APPLICATION

I confirm my attendance at the 20th International Seminar „**Track maintenance machines in theory and practice - SETRAS 2014**“, which will take place on November 5 - 6, 2014 at the University of Zilina.

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

Address: _____

Postcode: _____ Country: _____ Phone: _____
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I obligatory order lunches (price à 5,30 €):

on November 5, 2014: **yes no**,
 on November 6, 2014: **yes no**.

I will participate in Evening Reception on November 5, 2014 (price 8 €): **yes no**.

I have paid participation fee by remittance to **account N° 76511456/0900 at bank Slovenská sporiteľňa a.s. Bratislava, IBAN: SK6009000000000076511456** and I enclose a copy of the bank transfer: **yes no**.

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

I suppose my registration on: **November 4, 2014 November 5, 2014**.

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.

APPLICATION FOR THE ACCOMMODATION IN HOTEL:

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

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Bank connection: _____

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

E-mail: duotour@nexta.sk

In Date

.....
 signature and stamp

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Univerzitná 1, SK - 010 26 ZILINA, SLOVAKIA

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- ... pages of full color advertisement (215 € per page).

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- ... panel(s) (75,- €),
- ... exhibition of our own panel(s) (50,- €),
- ... free exhibition area (50,- € per 1 m²).

Date: Signature:

Remarks: