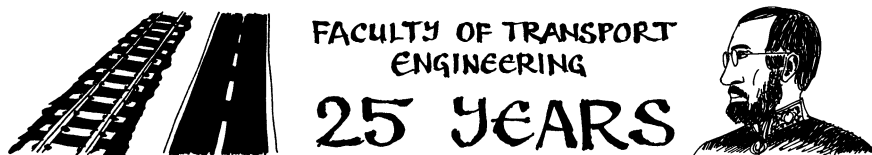


# 7th International Scientific Conference

## Conference Programme



### Conference Partners



České dráhy



eurosignal



oltis group



VÝZKUMNÝ  
ÚSTAV  
ŽELEZNIČNÍ, a. s.



### Thursday 6. 9. 2018 – Main railway station Pardubice, 1st platform

08:15 – 08:45 **Ceremony of the new coat of the locomotive 150 006** on the occasion of the 25 years anniversary of the Faculty of Transport Engineering

### ATRIUM PALACE PARDUBICE

09:00 – 10:00 **Registration – congress hall, 4<sup>th</sup> floor**

10:00 – 10:15 **Conference opening speech**

*prof. Ing. Tatiana Molková, Ph.D.* – vice-rector of University of Pardubice

*doc. Ing. Libor Švadlenka, Ph.D.* – dean of the Faculty of Transport Engineering

Welcome speech of honour conference guests

10:15 – 12:00 **Plenary session**

10:20 – 10:45 **Dr. Ing. Libor Lochman**

(CEO of CER)

STRATEGIC PRIORITIES OF THE RAILWAYS IN THE LEGISLATIVE PERIOD 2019 – 2024

10:45 – 11:10

**prof. Ing. Petr Moos, CSc.**

(Czech Technical University of Prague, Faculty of Transport)

ROLE OF TRANSPORTATION IN THE PRODUCTION FUNCTION OF THE REGION

11:10–11:40

**prof. Dr. Ing. Eberhard Hohnecker**

(Hohnecker-Consult Track Guided Systems & Public Transportation)

QUO VADIS PUBLIC TRANSPORT

12:00 – 13:00

**Lunch – congress hall, 4<sup>th</sup> floor**

14:00 – 16:00

**Optional program**

1) **Traffic Conference Program 2018**

2) **Excursion at the Educational and Research Centre in Transport in English** (by bus with Ing. Petr Vnenk meeting at 13.15 at registration place, bus leaves the bus stop "K Polabinám" at 13:30)

3) **Sightseeing tour of historical part of Pardubice in English** (with guide Ing. Helena Becková, Ph.D. – meeting at 13.00 at registration place)

17:30 – 19:00

**Academic ceremony to anniversary of 25 years DFJP – Assembly hall of Arnošt from Pardubice (UA)**

19:00 – 23:00

**Social evening in the foyer of Arnošt from Pardubice Assembly hall**

## **Friday 7. 9. 2018 – FACULTY OF TRANSPORT ENGINEERING**

### **09:00 – 11:00 Plenary meeting**

- 09:00 – 09:20** *prof. dr habil Aleksander Sladkowski, dr.h.c. mult.*  
(Silesian University of Technology, Faculty of Transport)  
EVALUATION OF TRANSPORT PROCESSES QUALITY WITH SERVQUAL,  
MAPPING AND TUL METHOD
- 09:20 – 09:40** *Assoc. prof. Momčilo Dobrodolac, Ph.D.*  
(University of Belgrade)  
TRENDS IN SUSTAINABLE DEVELOPMENT IN THE POSTAL SECTOR
- 09:40 – 10:00** *prof. Ing. Karel Pospíšil, Ph.D.*  
(Center of Transport Research)  
WAYS OF CDV - TRANSPORT RESEARCH CENTRE AND UNIVERSITY OF  
PARDUBICE COLLABORATION IN AREA OF TRANSPORT SCIENCES

### **10:00 – 11:00 Break and Poster session**

### **11:00 – 13:40 Meetings in the sections<sup>1</sup>**

#### **A) Technology, Management and Logistics in Transport**

- 11:00 – 11:20** *prof. dr hab. Elżbieta Marciszewska*  
(Warsaw School of Economics)  
FUNDAMENTAL PROBLEMS OF DISABLED PERSONS IN PUBLIC  
TRANSPORT IN POLAND
- 11:20 – 11:40** *prof. Dr.-Ing. Rainer Konig*  
(TU Dresden, "Friedrich List" Faculty of Transport and Traffic Sciences)  
SUPPLY OF URBAN AREAS – A (NEW) CHANCE FOR RAIL FREIGHT  
TRANSPORT?
- 11:40 – 12:00** *doc. dr. sc. Darko Babić*  
(Faculty of Transport and Traffic Sciences)  
INFLUENCE OF ROAD TRAFFIC SIGNALIZATION QUALITY ON ROAD  
SAFETY
- 12:00 – 12:20** *Ing. Jan Hrabáček, Ph.D.*  
(České dráhy, a.s.)  
APPLICATIONS AND MEASURES APPLIED OF RAILWAY UNDERTAKING  
LEADING TO OPTIMISED UTILISATION OF INFRASTRUCTURE
- 12:20 – 12:40** *dr hab. Cezary Mańkowski, prof. UG*  
(University of Gdańsk)  
IMPACT OF RAILWAY INVESTMENT ON REGIONAL DEVELOPMENT  
- CASE STUDY OF PKM
- 12:40 – 13:00** *Ing. Marek Pinkava*  
(Správa železniční dopravní cesty, státní organizace)  
CURRENT STATE OF PRELIMINARY POROCESS OF HIGH SPEED RAILWAY  
LINES IN THE CZECH REPUBLIC

- 13:00 – 13:20** *Ing. Petr Mrázek, Ph.D.*  
(University of Pardubice, Faculty of Transport Engineering)  
FUTURE EDUCATION OF AIR STAFF – VISION 2050
- 13:20 – 13:40** *Ing. Aliaksandr Vasiliuk*  
(ŠKODA AUTO a.s.)  
TRANSPORT MANAGEMENT IN LOGISTICS

#### **B) Transport Means and Infrastructure**

- 11:00 – 11:20** *Ing. Vladimír Kampík*  
(AŽD Praha, s.r.o.)  
FUTURE DEVELOPMENT OF WORLD RAILWAY CONTROL COMMAND  
SYSTEM ETCS
- 11:20 – 11:40** *prof. Ing. Vladimír Schejbal, CSc.*  
(University of Pardubice, Faculty of Transport Engineering)  
RADARS IN TRANSPORTATION
- 11:40 – 12:00** *Ing. Jan Vlasák*  
(University of Pardubice, Faculty of Transport Engineering)  
RECOGNIZING UAV TO MAINTAIN AIRSPACE SAFETY AROUND  
AIRPORTS
- 12:00 – 12:20** *Ing. Vojtěch Pék*  
(ERA, a. s.)  
CURRENT CHALLENGES AND THE FUTURE OF AIR TRAFFIC  
SURVEILLANCE
- 12:20 – 12:40** *Ing. Marie Vopálenská*  
(Association of the Czech Railway Industry)  
RAILWAY INDUSTRY INNOVATIVE SOLUTIONS FOR SUSTAINABLE  
MOBILITY
- 12:40 – 13:00** *doc. Ing. Vladimír Adamec, CSc.*  
(Brno University of Technology, Institut of Forensing Engineering)  
MONITORING OF THE EMISSION FROM TRAFFIC WITH USING THE  
DATAFROMSKY SYSTEM
- 13:00 – 13:20** *Ing. Roman Prell*  
(Siemens, s. r. o.)  
RAIL VEHICLE FROM SUSTAINABLE TRANSPORT
- 13:20 – 13:40** *Ing. Lukáš Málek*  
(Czech Technical Universtiy of Prague, Faculty of Transport)  
TRAVEL WELFARE RATING OF PASSENGERS
- 13:40 – 14:00** *Ing. Aleš Hába, Ph.D.*  
(University of Pardubice, Faculty of Transport Engineering)  
SWITCHES AND CROSSINGS OPTIMAL DESIGN AND EVALUATION

#### **C) History of Transport**

- 10:00 – 10:15** *doc. Ing. Karel Sellner, CSc.*  
MOTOROVÉ VOZY ČESKOSLOVENSKÝCH STÁTNÍCH DRAH
- 10:15 – 10:30** *Ing. Antonín Blažek, Ph.D.*  
MOTOROVÝ VŮZ M 260.001 A JEHO OSUDY

<sup>1</sup> Beginning of the History of Transport section in 10.00

- 10:30 – 10:45** *Ing. Josef Bosáček*  
VOZIDLA, KTERÁ PŘEDBĚHLA SVOU DOBU
- 10:45 – 11:00** *Ing. Bohuslav Skála*  
MOTOROVÉ VOZY PRO PRŮMYSL
- 11:00 – 11:15** *Ing. Petr Lapáček*  
VÝZNAMNÉ STOPY SUDOPU PRAHA ZA 65 LET TRVÁNÍ
- 11:15 – 11:30** *Ing. Mojmír Krejčířík*  
HISTORIE LEVOSTRANNÉHO A PRAVOSTRANNÉHO PROVOZU  
NA NAŠICH DVOJKOLEJNÝCH TRATÍCH
- 11:30 – 11:45** *Ing. Vít Vavřina*  
HISTORIE PARDUBICKÉHO LETIŠTĚ
- 11:45 – 12:00** *Ing. Zdeněk Kaufmann*  
STOPA TELEGRAFU V HISTORII PŘENOSU ZPRÁV
- 12:00 – 12:15** *Ing. Ivo Laníček*  
K PŘECHODU ZABEZPEČOVACÍCH ZAŘÍZENÍ VOLNÉ PÁKY  
K ELEKTRONICKÝM SYSTÉMŮM
- 12:15 – 12:30** *doc. Ing. Zdeněk Říha, Ph.D.*  
DĚJINY EKONOMICKÉHO MYŠLENÍ VE VZTAHU K DOPRAVĚ
- 12:30 – 12:45** *Ing. František Palík, CSc.*  
PŘÍPRAVY NA BUDOVÁNÍ VYSOKORYCHLOSTNÍ ŽELEZNICE V LETECH  
1989-1994 V ČR
- 12:45 – 13:00** *doc. Ing. Milan Graja, CSc.*  
HISTORIE A OČEKÁVANÝ VÝVOJ SILNIČNÍCH MOTOROVÝCH VOZIDEL
- 13:00 – 13:15** *Ing. Andrea Seidlová, Ph.D., Ing. Petr Nachtigall, Ph.D.*  
HISTORICKÉ SOUVISLOSTI ROZVOJE VNITROZEMSKÉ PLAVBY  
A HOSPODÁŘSKÉ SITUACE V PŘÍLEHLÝCH REGIONECH
- 13:15 – 13:30** *Ing. Milan Klubal*  
VÝSTAVBA A MODERNIZÁCIA ŽELEZNÍC NA SLOVENSKU PO ROKU 1945

#### D) International Postal and e-Communications Conference

- 11:00 – 11:20** *Luka Škacan, Nikola Kucelj*  
(Hrvatska pošta)  
DIGITAL POSTMAN
- 11:20 – 11:40** *Bc. David Dvořáček*  
(Česká pošta, s.p.)  
SUSTAINABLE AND EFFICIENT TRANSPORT IN CZECH POST
- 11:40 – 12:00** *Václav Kuklík*  
(UPS Czech Republic s.r.o.)  
UPS GLOBAL SUSTAINABILITY
- 12:00 – 12:20** *Ing. Ondřej Žák*  
(Zásilkovna, s.r.o.)  
TRANSPORT CONCEPT IN ZASILKOVNA - TRIPLE WIN STRATEGY

- 12:20 – 12:40** *Ing. Csaba Urbán*  
(Slovenská pošta, a.s.)  
NEW TRENDS OF PROCESSING E-COMMERCE SHIPMENTS IN SLOVAKIA  
POST
- 12:40 – 13:00** *Ing. Martin Čmiel*  
(DHL Supply Chain, s.r.o.)  
THE CONCEPT OF SUSTAINABLE TRANSPORT FROM DHL'S  
PERSPECTIVE
- 13:00 – 13:20** *Pavel Včela*  
(GLS Czech Republic s.r.o.)  
GLS THINK GREEN - THE CONCEPT OF SUSTAINABLE DEVELOPMENT  
IN PARCEL DELIVERY
- 13:20 – 13:40** *Ing. Dalibor Gottwald, Ph.D.*  
(University of Pardubice, Faculty of Transport Engineering)  
TRENDS IN SUSTAINABLE DEVELOPMENT IN THE POSTAL SECTOR

**13:45 – 15:00**

**Lunch**

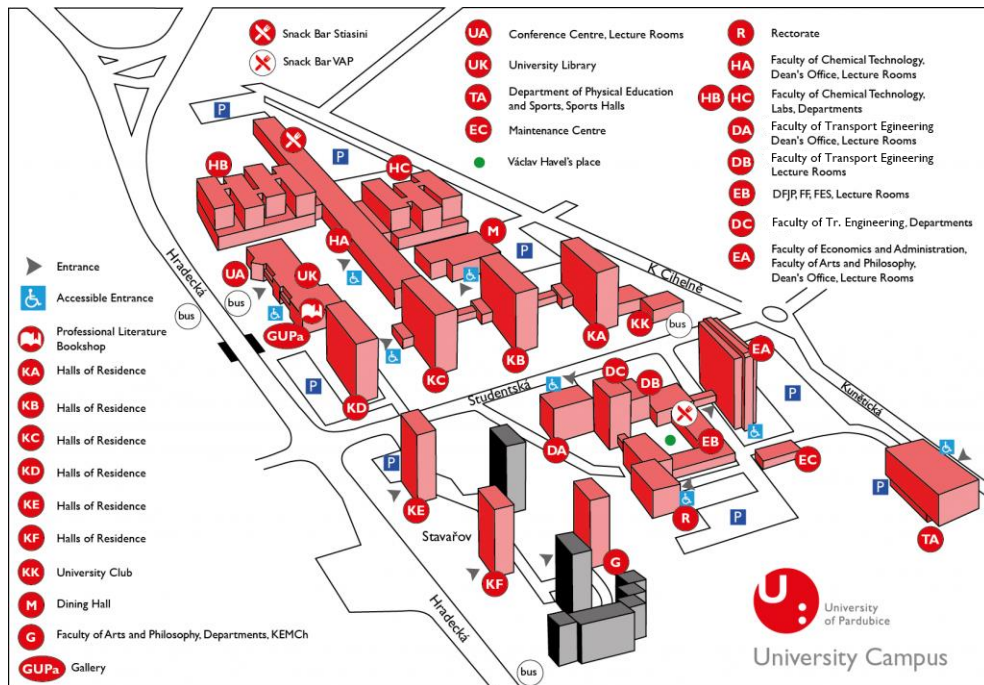
#### ORIENTATION PLAN OF THE PARDUBICE CITY CENTER



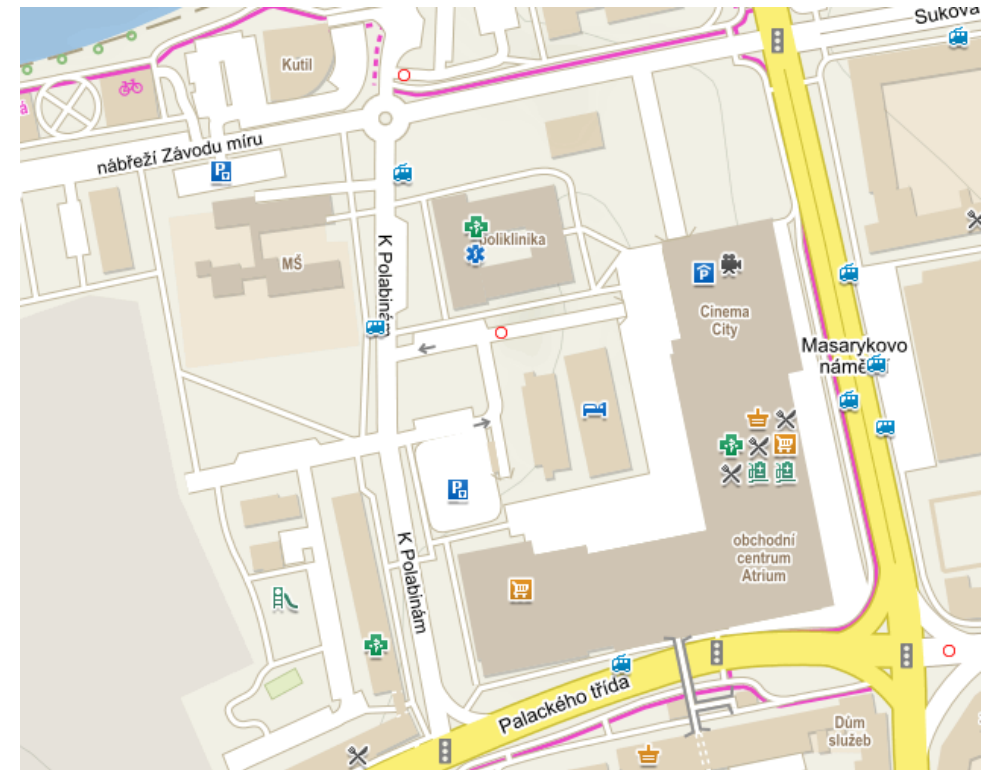
 bus lines

 trolley lines

## Orientation plan of University of Pardubice campus



## Orientation plan of the ATRIUM PALACE surroundings



### Possibility to parking in the surrounding of ATRIUM PALACE

- 1) Underground car park of ATRIUM PALACE (enter from street "Závodu míru")
- 2) Parking at the hotel Elbe (enter from street "K Polabinám")

All possibilities for parking in the surroundings of ATRIUM PALACE are only in mode "paid parking". See the instructions at the parking slots.