



University  
of Pardubice  
Jan Perner  
Transport Faculty



**Jan Perner**  
200<sup>th</sup> anniversary

## 6<sup>th</sup> International Scientific Conference

**3. 9. – 4. 9. 2015, Pardubice**

3. 9. 2015 Atrium Palace Pardubice,

4. 9. 2015 Faculty of Chemical Technology, University of Pardubice

### **3<sup>rd</sup> September, Atrium Palace (6<sup>th</sup> International Scientific Conference and Transport Conference 2015)**

9:00 – 10:00 Registration

10:00 – 10:15 Conference opening

*Tatiana Molková*

Vice-Rector for Internal Affairs, Statutory Vice-Rector, University of Pardubice

*Ivo Drahotský*

dean, Jan Perner Transport Faculty, University of Pardubice

10:15 – 12:00 Plenary meeting

Chairman: *Libor Švadlenka*

*Wojciech Paprocki – How much new modes of energy are possible in the old modes of transport?*

Collegium of Management and Finance, Warsaw School of Economics

*Nebojša Bojović – Sustainable transportation: issues, trends and perspectives*

Faculty of Transport and Traffic engineering, University of Belgrade

*Eberhard Hohnecker – The Principles of sustainable Development*

Institute of Highway and Railroad Engineering, Karlsruhe Institut of Technology,

*Libor Lochman – Single European Railway Area – a tough way towards higher competitiveness of railways*

Executive Director of the Community of European Railway and Infrastructure Companies

12:00 – 13:00 Lunch

### **3<sup>rd</sup> September, Atrium Palace (6<sup>th</sup> International Scientific Conference)**

13:30 – 17:00 Tour of the Educational and Research Centre in Transport

17:30 – 18:30 Unveiling ceremony of Jan Perner's bust at the Jan Perner Transport Faculty

19:00 – 23:00 Social evening at the Faculty of Chemical Technology

**4<sup>th</sup> September, Faculty of Chemical Technology (6<sup>th</sup> International Scientific Conference)**

8:00 – 9:00 Registration

9:00 – 10:00 Plenary meeting

Chairman: *Libor Švadlenka*

*Bohumil Culek – Educational and Research Centre in Transport – History and Present*  
Jan Perner Transport Faculty, University of Pardubice

*Jaroslav Antala – Transport development trends and education of transport specialists*  
Siemens, s.r.o.

*Aleksander Stadkowski – Delivering of Goods between East and West*  
Faculty of Transport, Silesian University of Technology

10:00 – 11:00 Break and poster session

11:00 – 13:30 Presentations of contributions and discussion

**SECTION TECHNOLOGY AND MANAGEMENT IN TRANSPORT AND TELECOMMUNICATIONS**

Chairmen: *Václav Cempírek, Petr Průša*

*Alena Loudová – European railway research funding opportunities and examples of successful projects*  
OLTIS Group a.s.

*Miloš Milenković – A survey of optimization approaches for rail freight car fleet management*  
Faculty of Transport and Traffic engineering, University of Belgrade

*Lucie Brklová – Supply chain management and new logistic concepts*  
KIEKERT-CS, s.r.o.

*Filip Žiačik – Logistics of FMCG*  
MD Logistika a.s.

*Rafał Burdzik – Mutual influence of logistics and transport systems*  
Faculty of Transport, Silesian University of Technology

*Libor Bauer – Trailer Control System*  
Yusen Logistics (Czech) s.r.o.

*Radim Ždímal – Logistical chain with the use of railway transport*  
FOXCONN CZ s.r.o.

*Bedřich Rathouský – Intermodal transport*  
Faculty of Business Administration, University of Economics, Prague

**SECTION MEANS OF TRANSPORT AND INFRASTRUCTURE**

Chairmen: *Radovan Doleček, Pavel Švanda*

*Michal Šmalo – Applications of Unconventional Design of the Superstructure on the Railway Infrastructure of the Slovak Republic*  
Faculty of Civil Engineering, University of Žilina

*Martin Kache – Comparison of Hybrid Drivetrains for Diesel Hydraulic Railcars*  
Faculty of Transportation and Traffic Science, Dresden University of Technology

*Tomáš Krčma – Traction system unification on Czech railway*  
Elektrizace železnic Praha a.s.

*Zbigniew Czaplą – Video-Based Vehicle Counting and Classification*

Faculty of Transport, Silesian University of Technology

*Jan Pokorný – Usage of the tilting platform in vehicle parameters determination*

Jan Perner Transport Faculty, University of Pardubice

*Zdeněk Mašek – Hydrostatic Transmission Control of M27 Railcar*

Jan Perner Transport Faculty, University of Pardubice

#### SECTION HISTORY OF TRANSPORT (CZECH LANGUAGE)

Chairman: *Vlastislav Mojžíš*

*František Šebek - Jan Perner (1815 – 1845) a Pardubice*

Senior, former director of East Bohemian Museum in Pardubice

*Josef Oliva – Jan Perner cestovatel*

Senior, earlier ČD Cargo, Ústí nad Labem

*Jaromír Bittner – Z historie motorové vozby na jubilující dráze Olomoucko-pražské*

České dráhy, a.s.

*Zdeněk Maruna – Osobní a nákladní vozy Severní státní dráhy a Společnosti státních drah (1845–1908), ČSD (1918–1945), ČSD (1945–1993)*

Senior, earlier České dráhy, a.s., VÚKV a.s.

*Karel Zeithammer – Promarněná příležitost*

Senior, earlier Museum of railway, National Technical Museum In Prague

*Marek Binko – Od koňky k VRTkám aneb historie výstavby železnic na území ČR*

Správa železniční dopravní cesty, s.o.

13:30 – 13:45 Conference closing

13:45 – 15:00 Lunch

#### CONFERENCE PARTNERS:

