



**FACULTY OF  
TRANSPORTATION  
SCIENCES  
CTU IN PRAGUE**

**FRÝDEK  
≈  
MÍSTEK**

**Czech Technical University in Prague  
Faculty of Transportation Sciences**

**Organizes in co-operation with  
Statutory City of Frýdek-Místek**

**since 28<sup>th</sup> May 2023 till 2<sup>nd</sup> June 2023**

## **33<sup>rd</sup> Middle European Project Seminar – MEPS**

**With international participation of university students  
with traffic specialization**

### **INTRODUCTION:**

The international students' transport-engineering project seminar will take place in the City of Frýdek-Místek together with tutors and students of the:

- Czech Technical University in Prague Faculty of Transportation Sciences ..... Czech Republic
- Faculty of Civil Engineering of Budapest University of Technology and Economics .....Hungary
- Faculty of Engineering of University of Debrecen.....Hungary
- CY Cergy Paris University .....French Republic

The goal of the seminar is to solve particular traffic problems of the City of Frýdek-Místek. The primary focus will be to parking systems solution in general (in the Malý Koloredov – Anenská area and also in Riviera District) and, in more detail, the parking system on the 8. pěšího pluku Street, to traffic service for the area of the former Lemberger Weaving Mill and its surroundings, to revitalization of Beskydská and Frýdlantská streets (with regard to the change of their functions due to the opening of the city bypass) and to new concept and system (routes of lines) of urban public mass transport. There will be 27 students from the above-listed universities under the supervision of 8 experienced tutors cooperating on the selected tasks distributed evenly so that development and enrichment of language skills is made possible (not only with conversational, but mostly expert vocabulary).



## BASIC INFORMATION:

- Seminar title ..... **Middle European Project Seminar (MEPS 2023)  
Frýdek-Místek**
- Official language..... English
- Seminar workplace ..... Center for active senior citizens –1<sup>st</sup> floor,  
**rooms 2.04** („učebna 2“) **and 2.08** („učebna 1“)  
(address – Anenská 2477, Místek,  
FRÝDEK-MÍSTEK, CZ – 738 01)
- Seminar term ..... **28.05.2023 – 02.06.2023**
- Term of working part ..... 29.05.2023 – 02.06.2023
- Opening of seminar ..... **29.05.2023, 10:00** – Frýdek-Místek City Hall – 2<sup>nd</sup> floor  
**large meeting hall** (room 217 – „velká zasedací síň“)  
(address –Radniční 1148, Frýdek,  
FRÝDEK-MÍSTEK, CZ – 738 01)
- Final presentation ..... **02.06.2023, 10:00** – Frýdek-Místek City Hall – 2<sup>nd</sup> floor  
**large meeting hall** (room 217 – „velká zasedací síň“)  
(address –Radniční 1148, Frýdek,  
FRÝDEK-MÍSTEK, CZ – 738 01)





## ACCOMMODATION OF ALL PARTICIPANTS:

- **Pension Anareta:**
  - address..... Ostravská 159, SVIADNOV, CZ – 739 25
  - accommodation .....2-bed, 3-bed, 4-bed or 5-bed rooms  
and 4-bed, 5-bed or 6-bed apartments
  - contact ..... <https://anareta.cz/>

## MEALS OF ALL PARTICIPANTS:

### 1. breakfasts:

- **Pension Anareta:**
  - address..... Ostravská 159, SVIADNOV, CZ – 739 25
  - contact ..... <https://anareta.cz/>

### 2. lunches (MON, TUE, WED and THU):

- **Center for active senior citizens:**
  - room ..... 1.03 („sál“)
  - address.....Anenská 2477, Místek, FRÝDEK-MÍSTEK, CZ – 738 01
  - contact (in Czech only)..... <https://www.frydekmistek.cz/o-meste/socialni-sluzby/centrum-aktivnich-senioru-2/>

### 3. Final Gala Lunch (FRI):

- **Cafe Radhošť:**
  - address.. třída Tomáše Garrigue Masaryka 1147, Frýdek, FRÝDEK-MÍSTEK, CZ – 738 01
  - contact (in Czech only)..... <https://www.kavarnaradhost.eu/>

### 4. dinners:

- **Restaurant Ondráš:**
  - address..... Ostravská 140, SVIADNOV, CZ – 739 25
  - contact (in Czech only)..... <https://www.ondras.cz/>





## WORKPLACE:

- workgroups will be placed in the **Center for active senior citizens on the 1<sup>st</sup> floor in room 2.04** („učebna 2“) **and in room 2.08** („učebna 1“) – **each workgroup** will have their **own table** at their disposal (students also should have their **own laptops**)
- **computer technology and equipment** – there will be **1 color laser printer & copy machine** (multifunctional device – **A3 format**) at the workplace in the Center for active senior citizens on the 1<sup>st</sup> floor in room 2.04 („učebna 2“) and in room 2.08 („učebna 1“), **wireless internet** (Wi-Fi) will be available in the entire building of workplace
- **recommended & available software** – for working and drawing of some selected details and designs it is recommended for the students to have Windows, MS Office, AutoCAD, Adobe Acrobat installed on their laptops (digital and technical map is available from the City of Frýdek-Místek in \*.dwg format)
- **the workplace equipment** – detailed maps, paper (format A4 and A3), basic office supplies, kettle, coffee machine, slide projector, microwave oven, glasses, mugs, spoons
- **working place** in room 2.04 („učebna 2“) and in room 2.08 („učebna 1“) at the 1<sup>st</sup> floor in the Center for active senior citizens will be available on **MON, TUE and FRI between 08:30 and 17:00** only, but on **WED and THU between 08:30 and 22:00** as needed

## TRANSPORT AROUND THE CITY AND PARKING:

**Free use of the city's public mass transport** in Frýdek-Místek (lines 301 – 319) will be available for transportation between accommodation, catering centre and workplace of all participants for the duration of the seminar (**from 28.05.2023 to 02.06.2023**) – each of the participants of the MEPS 2023 seminar will receive a **contactless ODISka chip card**, which will allow participants to use public transport in Frýdek-Místek for free for the duration of the MEPS 2023 seminar.

A **system of shared bikes** is available in the city of Frýdek-Místek – more information (with **mobile application**) at <https://www.nextbikeczech.com/en/mesto/frydek-mistek-2/>.

There will be **free locked parking** available on the whole for **passenger cars of all seminar participants** right in **private area of accommodation** (Pension Anareta). It is possible to park in the area near the workplace and in the place where dinners are served (Restaurant Ondráš) on a public road / in a public parking lot, provided that the person interested in parking can find a free parking space there.





## FINAL PRESENTATION:

The individual solution of given topics will be presented in **graphics form** with the contemporary condition analysis, **legends and word comments** about reasons for definite designed solution of the problem **in English and Czech language**.

The **final public presentation** will be realized (in Frýdek-Místek City Hall on the 2<sup>nd</sup> floor, large meeting hall – room 217, „velká zasedací síň“) like an exhibition of all graphics results, in addition with computer projection of selected drawings or commentaries to solutions **with help of programs** MS-PowerPoint / Adobe Acrobat / AutoCAD with comments and explanations **in both (Czech and English) languages !!!**

1 or 2 students from each workgroup will **explain and vindicate** the proposed solution and possible incidence of its appropriate realization **in Czech language only** (time related decision).

The discussion in English language for all participants of seminar can begin after the official presentation for city representatives.

## LIST OF PARTICIPANTS AND GUESTS:

### 1. Seminar organizers and invited guests of the seminar:

Assoc. Prof. Jiří ČARSKÝ, MSc PhD ..... *Department of Transportation Systems, CTU FTS*  
Petr KORČ ..... *Mayor of the City Frýdek-Místek, Frýdek-Místek City Hall*  
Miroslav BÁRTEK, MSc ..... *Deputy Mayor of the City Frýdek-Místek, Frýdek-Místek City Hall*  
Pavel OSINA, MSc ..... *Head of the Department  
of Territorial Development and Building Regulations, Frýdek-Místek City Hall*  
Miroslav HRONOVSKÝ, MSc ..... *Head of the Department  
of Transport and Road Management, Frýdek-Místek City Hall*  
Jitka STAŠOVÁ, BSc ..... *Economic and Administrative Section,  
Department of Social Services, Frýdek-Místek City Hall*  
Hana FOJTÍKOVÁ WINDISCHOVÁ ..... *promotion officer, City Hall*  
Oldřich ČAJKA, MSc ..... *Transportation engineer,  
Department of Transport and Road Management, Frýdek-Místek City Hall*  
Martin JACURA, MSc PhD ..... *Head of the Department of Transportation Systems, CTU FTS*  
Assoc. Prof. Josef KOCOUREK, MSc PhD ..... *Department of Transportation Systems, CTU FTS*  
Petr KUMPOŠT, MSc PhD ..... *Deputy Head of the Department of Transportation Systems, CTU FTS*  
Jan GALLIA, MSc ..... *Department of Transportation Systems, CTU FTS*





## 2. Seminar participants:



### CZECH TECHNICAL UNIVERSITY IN PRAGUE

#### Tutors:

Assoc. Prof. Jiří ČARSKÝ, MSc PhD  
Jan GALLIA, MSc  
Martin JACURA, MSc PhD  
Assoc. Prof. Josef KOCOUREK, MSc PhD  
Petr KUMPOŠT, MSc BSc PhD



#### Students:

Michal ČADEK  
Petr ČERVENKA, MSc  
Vojtěch DLOUHÝ, BSc  
Ema DUPKALOVÁ  
Vojtěch HARTMAN, BSc  
Lukáš KŘIVÁNEK, BSc  
Karolína MOUDRÁ, MSc BSc

Petr MRÁZ, BSc  
Lucie ODVODYOVÁ, BSc  
Ing. Petr RICHTER, MSc  
Charlie SHAN  
Gabriela SIDORINOVÁ, BSc  
Jaromír URBAN  
Polina ZAYATS, MSc



### BUDAPEST UNIVERSITY OF TECHNOLOGY AND ECONOMICS

#### Tutors:

Assoc. Prof. Dr. Péter BOCZ

#### Students:

Ágoston GYÖRGY  
Krisztián OLÁH  
Ferenc Barnabás SZOMORJAI



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UNIVERSITY of  
DEBRECEN



CERGY PARIS  
UNIVERSITÉ



UNIVERSITY OF DEBRECEN

**Tutors:**

Ádám UNGVÁRAI

**Students:**

Ákos BACSKAI  
Andras BALÁZS  
István BARÁTH  
Ádám FÜLÖP  
Dávid HOSTYISÓCZKI  
Kristóf KÁLLAI  
Martin KOÓS



UNIVERSITY OF  
DEBRECEN



CY CERGY PARIS UNIVERSITY

**Tutors:**

Richard ŽELEZNÝ, MSc et MSc PhD

**Students:**

Lorenzo FREIRE-STELLA  
Elmar GAHRAMANOV  
Raphaël THOMAS



CERGY PARIS  
UNIVERSITÉ

## SEMINAR SCHEDULE (1<sup>ST</sup> PART):

| Day:                               | Time:      | Place:            | Program:  |
|------------------------------------|------------|-------------------|---|
|                                    | till 18:30 | Pension Anareta   | arrival + accommodation   |
| <b>Sunday</b><br><b>28.05.2023</b> | 19:00      | Restaurant Ondráš | welcome dinner<br>(with participation of Mayor<br>and Deputy Mayor<br>of the City of Frýdek-Místek) |



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## SEMINAR SCHEDULE (2<sup>ND</sup> PART):

| Day:                         | Time:                     | Place:  | Program:   |
|------------------------------|---------------------------|---|--|
| <b>Monday</b><br>29.05.2023  | since 07:30<br>till 09:30 | Pension Anareta   | breakfast  |
|                              | 10:00                     | Frýdek-Místek City Hall<br>2 <sup>nd</sup> floor – large meeting hall<br>(room 217 – „velká zasedací síň“)        | opening ceremony <ul style="list-style-type: none"> <li>• introduction members</li> <li>• presentation of the City</li> <li>• traffic problems</li> <li>• dividing students into groups</li> <li>• introduction tasks to students</li> </ul> |
|                              | 12:30                     | Center for active senior citizens<br>ground floor – 1.03 („sál“)<br>City of Frýdek-Místek                         | lunch<br>solved areas survey   |
|                              | since 13:30<br>till 17:00 | Center for active senior citizens<br>1 <sup>st</sup> floor – room 2.04 („učebna 2“)<br>and room 2.08 („učebna 1“) | particular task solving  |
|                              | 19:00                     | Restaurant Ondráš   | dinner   |
| <b>Tuesday</b><br>30.05.2023 | since 07:30<br>till 08:30 | Pension Anareta   | breakfast  |
|                              | since 08:30<br>till 12:30 | Center for active senior citizens<br>1 <sup>st</sup> floor – room 2.04 („učebna 2“)<br>and room 2.08 („učebna 1“) | particular task solving  |
|                              | 12:30                     | Center for active senior citizens<br>ground floor – 1.03 („sál“)  | lunch  |
|                              | since 13:30<br>till 17:00 | Center for active senior citizens<br>1 <sup>st</sup> floor – room 2.04 („učebna 2“)<br>and room 2.08 („učebna 1“) | particular task solving  |
|                              | 19:00                     | Restaurant Ondráš   | dinner   |





## SEMINAR SCHEDULE (3<sup>RD</sup> PART):

| Day:                                  | Time:                     | Place:   | Program:                |
|---------------------------------------|---------------------------|--|-------------------------|
| <b>Wednesday</b><br><b>31.05.2023</b> | since 07:30<br>till 08:30 | Pension Anareta  | breakfast               |
|                                       | since 08:30<br>till 12:30 | Center for active senior citizens<br>1 <sup>st</sup> floor – room 2.04 („učebna 2“) and room 2.08 („učebna 1“) | particular task solving |
|                                       | 12:30                     | Center for active senior citizens<br>ground floor – 1.03 („sál“)   | lunch                   |
|                                       | since 13:30<br>till 18:30 | Center for active senior citizens<br>1 <sup>st</sup> floor – room 2.04 („učebna 2“) and room 2.08 („učebna 1“) | particular task solving |
|                                       | 19:00                     | Restaurant Ondráš  | dinner                  |
|                                       | since 20:00<br>till 22:00 | Center for active senior citizens<br>1 <sup>st</sup> floor – room 2.04 („učebna 2“) and room 2.08 („učebna 1“) | particular task solving |
| <b>Thursday</b><br><b>01.06.2023</b>  | since 07:30<br>till 08:30 | Pension Anareta  | breakfast               |
|                                       | since 08:30<br>till 12:30 | Center for active senior citizens<br>1 <sup>st</sup> floor – room 2.04 („učebna 2“) and room 2.08 („učebna 1“) | particular task solving |
|                                       | 12:30                     | Center for active senior citizens<br>ground floor – 1.03 („sál“)   | lunch                   |
|                                       | since 13:30<br>till 18:30 | Center for active senior citizens<br>1 <sup>st</sup> floor – room 2.04 („učebna 2“) and room 2.08 („učebna 1“) | particular task solving |
|                                       | 19:00                     | Restaurant Ondráš  | dinner                  |
|                                       | since 20:00<br>till 22:00 | Center for active senior citizens<br>1 <sup>st</sup> floor – room 2.04 („učebna 2“) and room 2.08 („učebna 1“) | particular task solving |





## SEMINAR SCHEDULE (4<sup>TH</sup> PART):

| Day:                               | Time:                     | Place:  | Program:   |
|------------------------------------|---------------------------|---|--|
|                                    | since 07:30<br>till 08:30 | Pension Anareta   | breakfast  |
|                                    | since 08:30<br>till 09:30 | Center for active senior citizens<br>1 <sup>st</sup> floor – room 2.04 („učebna 2“)<br>and room 2.08 („učebna 1“) | preparation<br>for the final presentation  |
|                                    | till 10:00                | Pension Anareta   | check out hostel rooms   |
| <b>Friday</b><br><b>02.06.2023</b> | 10:00                     | Frýdek-Místek City Hall<br>2 <sup>nd</sup> floor – large meeting hall<br>(room 217 – „velká zasedací síň“)        | final presentation and closing<br>ceremony with participation of: <ul style="list-style-type: none"> <li>• Mayor of the City Frýdek-Místek</li> <li>• Deputy Mayor<br/>of the City Frýdek-Místek</li> <li>• Head of the Department<br/>of Transport<br/>and Road Management</li> <li>• invited special guests</li> <li>• other guests</li> </ul> |
|                                    | 13:30                     | Cafe Radhošť  | Final Gala Lunch   |





## ASSIGNED TASKS:

### 1. Parking system proposal for the Malý Koloredov – Anenská area

|                                       |                    |                    |                     |
|---------------------------------------|--------------------|--------------------|---------------------|
| <b>Total number of students .....</b> |                    | <b>4</b>           |                     |
| <i>State code:</i>                    | <i>university:</i> | <i>given name:</i> | <i>family name:</i> |
| CZE                                   | CTU in Prague      | Petr               | ČERVENKA            |
| CZE                                   | CTU in Prague      | Petr               | RICHTER             |
| HUN                                   | BUTE (BME)         | Ágoston            | GYÖRGY              |
| HUN                                   | UNIDEB             | Andras             | BALÁZS              |

#### **task assignment:**

From October 2022, the City of Frýdek-Místek has prepared a better-arranged and better organized parking system in the city, the purpose of which is for visitors to come to the center by private car, do everything they need here, and leave as soon as possible to free up parking space for other drivers – parking spaces are therefore newly divided into 3 categories of charged parking zones, while the 8. pěšího pluku Street, which is close to the Malý Koloredov – Anenská area, now belongs to the charged "Area C", where the 1<sup>st</sup> hour of parking costs the driver 10 CZK, while for each additional hour the driver pays already 30 CZK. In connection with the newly introduced charged parking zone in the center of Místek described above, there is a reasonable fear that drivers who want to park in the center of Místek for longer than 1 to 2 hours will move a little further beyond the charged 8. pěšího pluku Street to the Malý Koloredov – Anenská area, where parking is not charged. Parking in the Malý Koloredov – Anenská area should primarily serve the residents of this area, who are already struggling with a lack of parking spaces, as the area mainly consists of high-rise multi-storey residential buildings. The goal of the task is therefore to design parking zones primarily for residents with the possibility of checking a better (more capacious) arrangement of parking spaces with the use of traffic organization tools and with a minimal need for construction modifications.





## 2. Traffic service for the area of the former Lemberger Weaving Mill and its surroundings

| Total number of students ..... |               | 4           |              |
|--------------------------------|---------------|-------------|--------------|
| State code:                    | university:   | given name: | family name: |
| CZE                            | CTU in Prague | Michal      | ČADEK        |
| CZE                            | CTU in Prague | Ema         | DUPKALOVÁ    |
| HUN                            | UNIDEB        | István      | BARÁTH       |
| HUN                            | UNIDEB        | Kristóf     | KÁLLAI       |

### task assignment:

The area of the former Lemberger Weaving Mill is planned for new use for purposes that will generate more traffic again, including heavy vehicles – therefore it is necessary to prepare a traffic organization system linked to recommended routes, especially for heavy vehicles, which will enter or leave the area of the former Lemberger Weaving Mill and to take into account in the proposed solution the traffic in the surrounding streets, their functions, and also take into account the influence of the parking lots on traffic in this area (at the existing Penny Market and JYSK stores and also at the sports hall and indoor swimming pool). The goal of the task is to define recommended routes, especially for heavy vehicles, and to adjust traffic organization from the above-mentioned opposite parking lots so that the whole traffic junction is well-arranged, safe and is as little influenced by potential traffic conflicts as possible and does not create a source of traffic congestion.





### 3. Revitalization of Frýdlantská street

|                                       |                    |                    |                     |
|---------------------------------------|--------------------|--------------------|---------------------|
| <b>Total number of students .....</b> |                    | <b>4</b>           |                     |
| <i>State code:</i>                    | <i>university:</i> | <i>given name:</i> | <i>family name:</i> |
| CZE                                   | CTU in Prague      | Vojtěch            | DLOUHÝ              |
| CZE                                   | CTU in Prague      | Polina             | ZAYATS              |
| HUN                                   | UNIDEB             | Ádám               | FÜLÖP               |
| FRA                                   | CY Transport       | Elmar              | GAHRAMANOV          |

#### **task assignment:**

The goal of the task is to propose a change in the traffic organization in Frýdlantská street (with regard to the change in its function due to the opening of the city bypass) in the section from the Letná bus terminus to the multi-lane roundabout with Beskydská Street (with the possibility to propose changes also in the subsequent section to the intersection with Hlavní třída), which should examine the possibilities of traffic calming on this street – for example, it could be 1 traffic lane in each direction, the establishment of reserved cycling lanes, using the space gained to improve existing intersections (especially with the streets 28. října, Družstevní, Stará Riviera and Čelakovského, including modification of the existing bus terminus and neighboring parking areas), turning lanes / on lanes, bus stop lanes (bus stop lay-bays), parking or planting greenery. As part of the assignment, it is also advisable to check the possibilities of adding pedestrian crossings. The proposed modifications must correspond to the expected traffic volume and it must be also documented that the proposed solution will not cause traffic congestion in the links (between intersections). The forecasted traffic volume will be based on a traffic model prepared by Mott MacDonald in 2012 and updated in 2019.





#### 4. Revitalization of Beskydská street

|                                       |                    |                    |                     |
|---------------------------------------|--------------------|--------------------|---------------------|
| <b>Total number of students .....</b> |                    | <b>3</b>           |                     |
| <i>State code:</i>                    | <i>university:</i> | <i>given name:</i> | <i>family name:</i> |
| CZE                                   | CTU in Prague      | Vojtěch            | HARTMAN             |
| CZE                                   | CTU in Prague      | Lucie              | ODVODYOVÁ           |
| HUN                                   | UNIDEB             | Ákos               | BACSKAI             |

##### **task assignment:**

The goal of the task is to propose a change in the traffic organization in Beskydská street (with regard to the change in its function due to the opening of the city bypass) in the section from the intersection with Frýdlantská street to the intersection with Příborská street, which should examine the possibilities of traffic calming on this street – for example, it could be 1 traffic lane in each direction, the establishment of reserved cycling lanes, using the space gained to improve existing intersections with streets Pod Puklí and K Zahrádkám, turning lanes / on lanes, bus stop lanes (bus stop lay-bays), parking or planting greenery. As part of the assignment, it is also advisable to check the possibilities of new right turn when entering / exiting streets 4. května, Jožky Jabůrkové and Bezručova (or possibly restoring a full-fledged intersection) and adding pedestrian crossings. The proposed modifications must correspond to the expected traffic volume and it must be also documented that the proposed solution will not cause traffic congestion in the links (between intersections). The forecasted traffic volume will be based on a traffic model prepared by Mott MacDonald in 2012 and updated in 2019.





## 5. Modification of the parking system on the 8. pěšího pluku Street

|                                       |                    |                    |                     |
|---------------------------------------|--------------------|--------------------|---------------------|
| <b>Total number of students .....</b> |                    | <b>3</b>           |                     |
| <i>State code:</i>                    | <i>university:</i> | <i>given name:</i> | <i>family name:</i> |
| CZE                                   | CTU in Prague      | Charlie            | SHAN                |
| CZE                                   | CTU in Prague      | Gabriela           | SIDORINOVÁ          |
| HUN                                   | UNIDEB             | Martin             | KOÓS                |

### task assignment:

From October 2022, the City of Frýdek-Místek has prepared a better-arranged and better organized parking system in the city, the purpose of which is for visitors to come to the center by private car, do everything they need here, and leave as soon as possible to free up parking space for other drivers – parking spaces are therefore newly divided into 3 categories of charged parking zones, while the 8. pěšího pluku Street now belongs to the charged "Area C", where the 1<sup>st</sup> hour of parking costs the driver 10 CZK, while for each additional hour the driver pays already 30 CZK. The goal of the task is to find ways to better use the existing area in 8. pěšího pluku Street for charged parking zones – primarily, it is necessary to find a solution that can be implemented quickly with minimal or no construction modifications, but the whole assignment of the task can be also processed with the assumption of using construction modifications and changing the construction layout of the whole street in order to improve the efficiency of the used areas.





## 6. New system of urban public mass transport lines

| Total number of students ..... |                    | 5                  |                     |
|--------------------------------|--------------------|--------------------|---------------------|
| <i>State code:</i>             | <i>university:</i> | <i>given name:</i> | <i>family name:</i> |
| CZE                            | CTU in Prague      | Lukáš              | KŘIVÁNEK            |
| CZE                            | CTU in Prague      | Jaromír            | URBAN               |
| HUN                            | UNIDEB             | Dávid              | HOSTYISÓCZKI        |
| FRA                            | CY Transport       | Lorenzo            | FREIRE-STELLA       |
| FRA                            | CY Transport       | Raphaël            | THOMAS              |

### **task assignment:**

Public mass transport in Frýdek-Místek is part of the Integrated Transport System of the Moravian-Silesian Region ODIS, which brings integrated transport with an uniform tariff, uniform transport conditions and better transport accessibility throughout the whole territory, within which the lines of the Municipal Public Mass Transport in Frýdek-Místek are marked with a number series 301 to 319. The partner carrier for urban public mass transport in Frýdek-Místek in frames of ODIS is joint-stock company ČSAD Frýdek-Místek within the 3ČSAD group of companies (Transdev Group). Since 27<sup>th</sup> March 2011 free public mass transport has been introduced in Frýdek-Místek for holders of smart cards (which are not transferable) and this advantageous public mass transport tariff is valid on urban public mass transport lines only (suburban transport is not the responsibility of the city). Currently the urban public mass transport system in Frýdek-Místek consists of 19 lines, the routing of which is confusing and complicated especially in the area of the city center, and there is also overlap with regional ODIS lines in many route sections. The aim of the task is to create a better concept of urban public mass transport lines, which can also use the proposal for changes in the local road network in the city center (prepared as part of the "Proposal for the solution of the transport concept on the road I/48 in the City of Frýdek-Místek after the construction of the city bypass", with greater use of coordination with regional bus lines in order to create a well-arranged, simpler and more efficient system of urban public mass transport lines in Frýdek-Místek.



## 7. The concept of a parking system solution in the Riviera District

|                                       |                    |                    |                     |
|---------------------------------------|--------------------|--------------------|---------------------|
| <b>Total number of students</b> ..... |                    | <b>4</b>           |                     |
| <i>State code:</i>                    | <i>university:</i> | <i>given name:</i> | <i>family name:</i> |
| CZE                                   | CTU in Prague      | Karolína           | MOUDRÁ              |
| CZE                                   | CTU in Prague      | Petr               | MRÁZ                |
| HUN                                   | BUTE (BME)         | Krisztián          | OLÁH                |
| HUN                                   | BUTE (BME)         | Ferenc Barnabás    | SZOMORJAI           |

### **task assignment:**

The aim of the concept of a parking system solution in the Riviera District is (based on a detailed analysis of the current state of local roads in the Riviera District) to estimate the real demand for parking spaces on the Riviera District and subsequently to propose an optimization of the parking system solution in the Riviera District with the aim of proposing traffic modifications on local roads and the arrangement of parking areas with the help of traffic signs and road marking only (or with the help of green marker posts – the so-called "baliseta") in such a way as to achieve an increase in the capacity of the offer of the number of parking spaces and at the same time to ensure compliance all principles for the road safety in the solved area (e. g. visibility conditions at intersections) and to exclude violations of the law by parking vehicles (e. g. parking in the area of intersections, on green areas, on firemen access areas and in places with insufficient road width arrangement for two-way traffic in the case of vehicle parking). As part of the task solution, it is also possible to propose possible construction modifications for later phases of implementation (e. g. the implementation of new parking areas taking into account the saving of especially mature greenery and respecting the viewing conditions on roads and areas for municipal waste).



