



Tempus

543968-TEMPUS-1-2013-  
1-EE-TEMPUS-JPCR



**SUMMER TRAINING SCHOOL**

**PROGRAM**

Ukraine, Chernivtsi  
July 20-24, 2014

# **Project TEMPUS CABRIOLET**

Model-Oriented Approach and Intelligent Knowledge-Based System  
for Evolvable Academia-Industry Cooperation  
in Electronic and Computer Engineering  
544497 -TEMPUS-1-2013-1-UK-TEMPUS-JPHES

## **SUMMER TRAINING SCHOOL STraS-CABRIOLET2014**

### **PROGRAM**



Ukraine, Chernivtsi, July, 20-24, 2014

#### **Co-organized by**

Chernivtsi National University and  
National Aerospace University named after N.E. Zhukovsky “Khai”

#### **In cooperation with**

RPC Radiy, PC Artron, Companies SoftServe and Tensor

#### **Media-partner**

Magazine Carte Blanche

# STraS-CABRIOLET 2014 timetable

Time/date	July 20, Sunday	July 21, Monday	July 22, Tuesday	July 23, Wednesday	July 24, Thursday		
7:00	<b>Arrival, accommodation</b>						
7:15							
7:30							
7:45							
8:00		<b>Breakfast</b>					
8:15							
8:30							
8:45							
9:00							
9:15		Odesa National Polytechnic University team presentations	Black Sea State University team presentations	Institute of Cybernetics of NASU (Academy partner talk)			
9:30							
9:45							
10:00	IT- Alliance presentation (Industry partner talk), Discussion	Chernihiv National University team presentations	Chernivtsi National University team presentations				
10:15							
10:30	<b>Opening session</b>		<b>Coffee-break</b>		<b>Meeting at the Company "Artron"</b>		
10:45							
10:50	"SoftServe" company presentation						
11:00							
11:10							
11:15	"Artron" company presentation		"Tensor" company presentation	TRA Training, Part 2. Development of Technology Readiness Assessment Plan in universities working groups		TRA Training, Part 3. Development of Technology Readiness Assessment Report in universities working groups	TRA Training, Part 4. Development of Technology Maturation Plan in universities working groups
11:25							
11:30							
11:40	<b>Coffee-break</b>		<b>Lunch</b>		<b>Coffee-break</b>		
11:45							
12:00	KhAI team presentations						
12:15							
12:30							
12:45							
13:00	TRA Training, Part 1. Introduction in Technology Readiness Assessment		Excursion & team-building to the alfresco museum of authentic architecture and to monastery of Bancheny town		Excursion & team-building and wellness at the tourist center "Sun valley"		
13:15							
13:30							
13:45	<b>Lunch</b>		<b>Excursion &amp; team-building To Khotyn city and its fortress and to Kamyanets-Podilsky city and its fortress</b>		<b>Excursion &amp; team-building and wellness at the tourist center "Sun valley"</b>		
14:00							
14:15							
14:30							
14:45							
15:00	Excursion to Metropolitan residence and to the city		<b>Closing session, Certificates, Departure</b>				
16:00							
17:00							
18:00							
19:00							
20:00							
21:00							

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# 1. PARTICIPANTS

## **Newcastle University team:**

Prof Chris Phillips

## **National Aerospace University**

### **“KhAI” team:**

Prof Vyacheslav Kharchenko

Prof Vladimir Sklyar

PhD student Oleg Illiashenko

PhD student Oleksandr Biloborodov

PhD student Vyacheslav Manulik

MSc student Nikolay Pohrebak

BSc student Evgeniya Broshevan

## **Chernivtsi National University:**

Prof Stepan Melnychuk

Assoc. Prof George Vorobets

Assoc. Prof Sergii Balovsiak

Assoc. Prof Yulia Tanasyuk

Assoc. Prof Oksana Olar

PhD student Mykola Skrypskyi

PhD student Hrustyna Odaiska

## **IT-Alliance team:**

Andrii Biriukov

## **Petro Mohyla Black Sea State**

### **University team:**

Prof Yuriy Kondratenko

PhD student Ievgen Sidenko

## **Odessa National Polytechnic**

### **University team:**

Prof Oleksandr Drozd

Prof Dmitry Maevsky

Elena Maevskayja

## **Chernihiv State Technological**

### **University:**

Prof Vitalii Lytvynov

PhD student Iryna Posadska

PhD student Alina Posadska

## **Institute of Cybernetics of NASU**

### **team:**

Prof Volodymyr Opanasenko

## **Carte Blanche magazine:**

Elena Golembovskaya

## **2. DETAILED SCHEDULE**

### **Sunday, July 20**

**Venue:** Kotsyubyns'kogo St., 2, ChNU, 5 Building, 2 floor, Marble Hall

- 07-00 – 10-00      Arrival, accommodation
- 10-30 – 10-50      Opening session, Stepan Melnychuk, Georgiy Vorobets, *Welcome Vyacheslav Kharchenko, TEMPUS-CABRIOLET project on-going. STraS-CABRIOLET 2014 objectives*  
Elena Golembovskaya, *Welcome from media-partner*
- 10-50 – 11-10      Natalya Semenyuk, Manager of Company SoftServe, Natalya Romanenko, Lecturer of IT Academy in Chernivtsi, *Company SoftServe presentation*
- 11-10 – 11-25      Igor Mysevych, General director of Private Company "Artron", *Requirements for skills and features of adaptation of graduated students in electronics and computer engineering in today's production in Ukraine*
- 11-25 – 11-40      Dr Yuri Dobrovolskyi, Deputy Director - Chief Designer of Company "Tensor", *Improvement of the efficiency of research and education activities of universities in terms of coordination the activities and interaction with modern production*
- 11-40 – 12-00      Coffee-break
- 12-00 – 13-00      KhAI team presentations  
Oleksandr Biloborodov, *Cloud platform for secure deployment of internet applications*  
Vyacheslav Manulik, *Monitoring of operator in safety critical systems: CABRIOLET-Model 3 University and Industry Cooperation*  
Evgeniya Broshevan, *Creation of student consulting agency on information security audit: analysis of the applicability of interaction models between industry and university*



Nikolay Pohrebak, *Experience of interaction between a student lab of mobile and wireless technologies with industrial companies during implementation of IT projects*

13-00 – 13-45 Vladimir Sklyar, Vyacheslav Kharchenko, *TRA Training, Part 1. Introduction in Technology Readiness Assessment*

13-45 – 15-00 Lunch

15-00 – 18-00 Excursion to Chernivtsi city and to the Metropolitan residence

## **Monday, July 21**

**Venue:** Kotsyubyns'kogo St., 2, ChNU, 5 Building, 2 floor, Marble Hall

08-00 – 09-00 Breakfast

09-00 – 10-00 Odesa NPU team presentations

Elena Maevsckayja, *Experimental investigations of energy consumption as a basis for the computer industry energy-saving technologies*

Dmitry Maevsky, Elena Maevsckayja, *Method of determining the absolute energy consumption of RAM PC. Experience in implementation of IT companies in Odessa*

Dmitry Maevsky, Alexander Semenyug, *Experience of collaborative research to improve the quality of power supply powerful technological complexes*

Oleksandr Drozd, *Experience of collaboration between ONPU and RPC Radiy in solving of hidden faults problem of digital components of safety-critical system in NPP power units.*

10-00 – 10-45 IT- Alliance (Industry partner talk), Andrii Biriukov, Discussion

10-45 – 11-15 Coffee-break

11-15 – 12-30 Vladimir Sklyar, Vyacheslav Kharchenko, *TRA Training, Part 2. Development of technology readiness assessment plan in universities working groups*

12-30 – 13-30 Lunch

13-30 – 21-00 Excursion & team-building To Khotyn city and its fortress and to Kamyanets-Podilsky city and its fortress

## Tuesday, July 22

**Venue:** Kotsyubyns'kogo St., 2, ChNU, 5 Building, 2 floor, Marble Hall

- 08-00 – 09-00 Breakfast
- 09-00 – 10-00 Black Sea State University team presentations  
Yuriy Kondratenko, *Design of intelligent knowledge-based system for decision making in UIC based on fuzzy approach*  
Ievgen Sidenko, *Information technology for aggregation processes in multi-criteria optimization and decision making*
- 10-00 – 10-45 Chernihiv National University team presentations  
Vitalii Lytvynov, Iryna Posadska, Alina Posadska, *Experience of software development in the Chernihiv National University of Technology*
- 10-45 – 11-15 Coffee-break
- 11-15 – 12-30 Vladimir Sklyar, Vyacheslav Kharchenko, *TRA Training, Part 3. Development of technology readiness assessment report in universities working groups*
- 12-30 – 13-30 Lunch
- 13-30 – 18-00 Excursion & team-building to the alfresco museum of authentic architecture and to monastery of Bancheny town

## Wednesday, July 23

**Venue:** Kotsyubyns'kogo St., 2, ChNU, 5 Building, 2 floor, Marble Hall

- 08-00 – 09-00 Breakfast
- 09-00 – 09-45 Institute of Cybernetics of NASU (Academy partner talk), Prof Volodymyr Opanasenko, *Design and application of the FPGA-based reconfigurable devices*
- 09-45 – 10-45 Chernivtsi National University team presentations  
Dr. Sergii Balovsiak, Hrustyna Odaiska, *Improvement of the visual quality of scanned documents by analyzing the local areas of images.*  
Mykola Skrypskyi, *Regional S2B, B2S-service.*



Dr. Georgiy Vorobets, *Self-reconfigurable computer systems as a basis for the synthesis of intelligent multifunctional cyber-physical systems.*

10-45 – 11-15 Coffee-break

11-15 – 12-30 Vladimir Sklyar, Vyacheslav Kharchenko, *TRA Training, Part 4. Development of technology maturation plan in universities working groups*

12-30 – 13-30 Lunch

13-30 – 21-00 Excursion & team-building and wellness to tourist center “Sun valley”

#### **Thursday, July 24**

08-00 – 09-00 Breakfast

**Venue:** Prutskaya St., 6.

10-00 – 11-30 Meeting at the Company “Artron”

11-30 – 12-00 Coffee-break

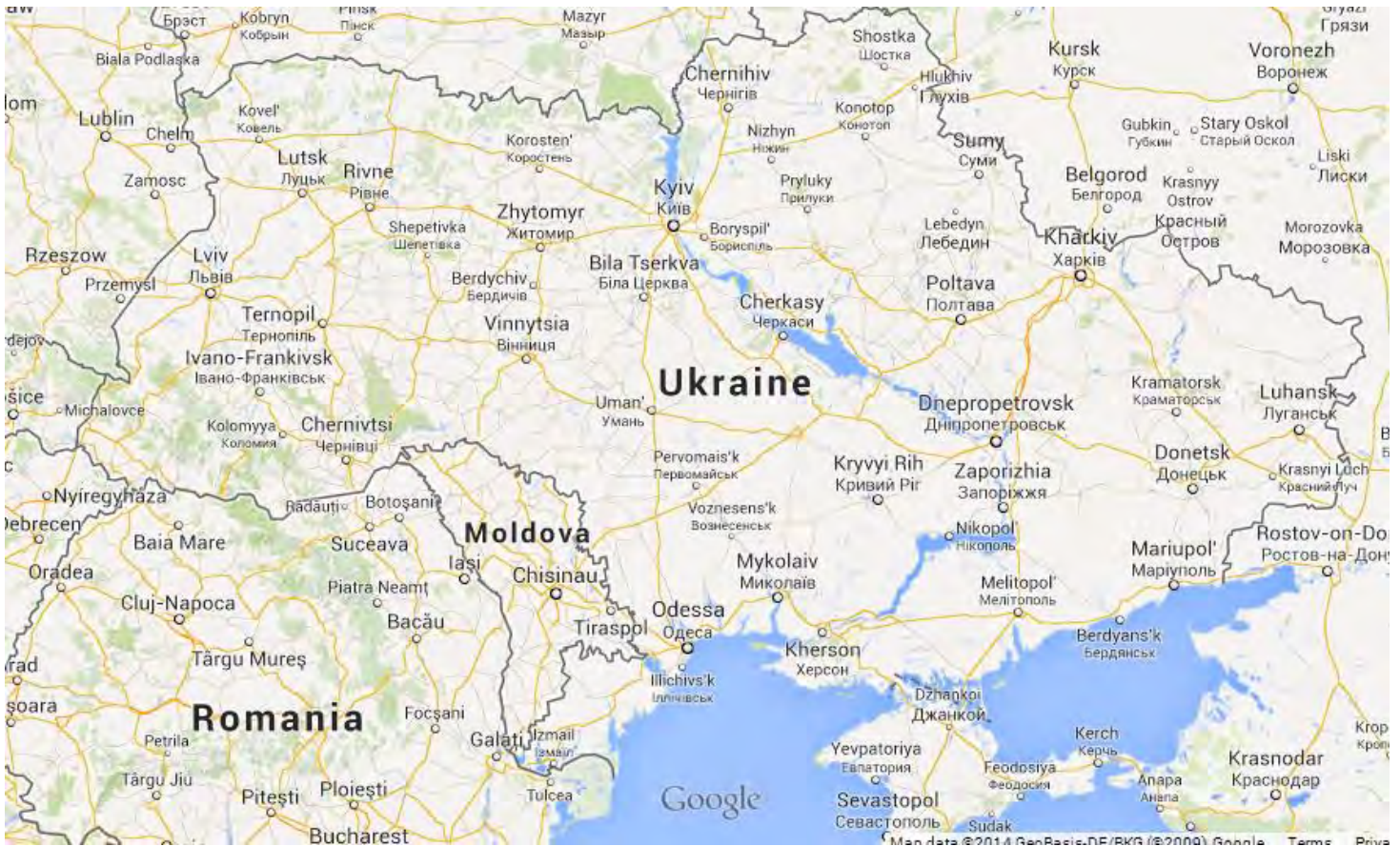
12-00 – 13-00 Vladimir Sklyar, Vyacheslav Kharchenko, *TRA Training, Part 5. Presentation of universities working groups: Result of TRA implementation, and next steps for technologies maturation*

13-00 – 14-00 Lunch

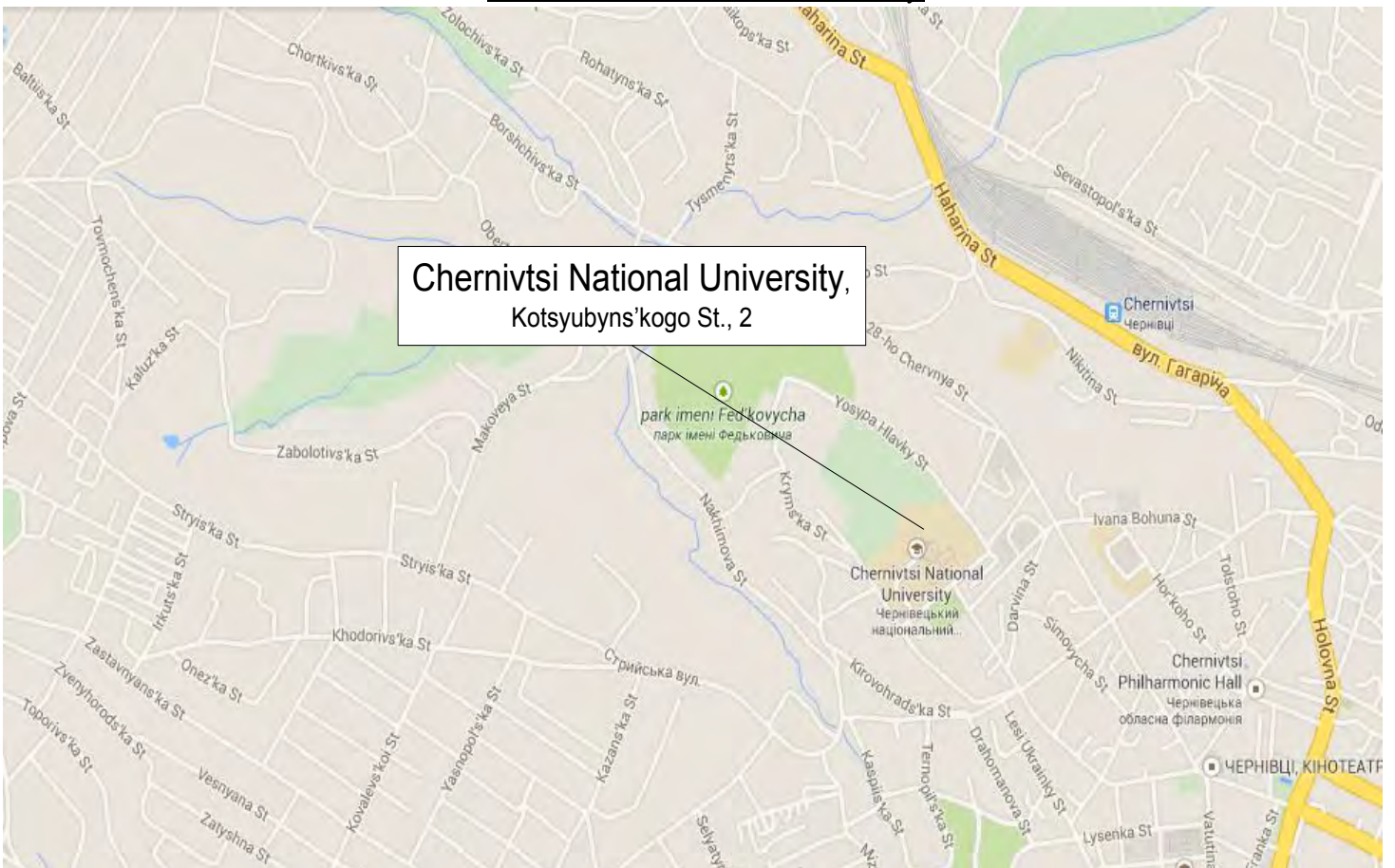
14-00 – 15-00 Closing session, Certificates, Departure

### 3. LOCATION

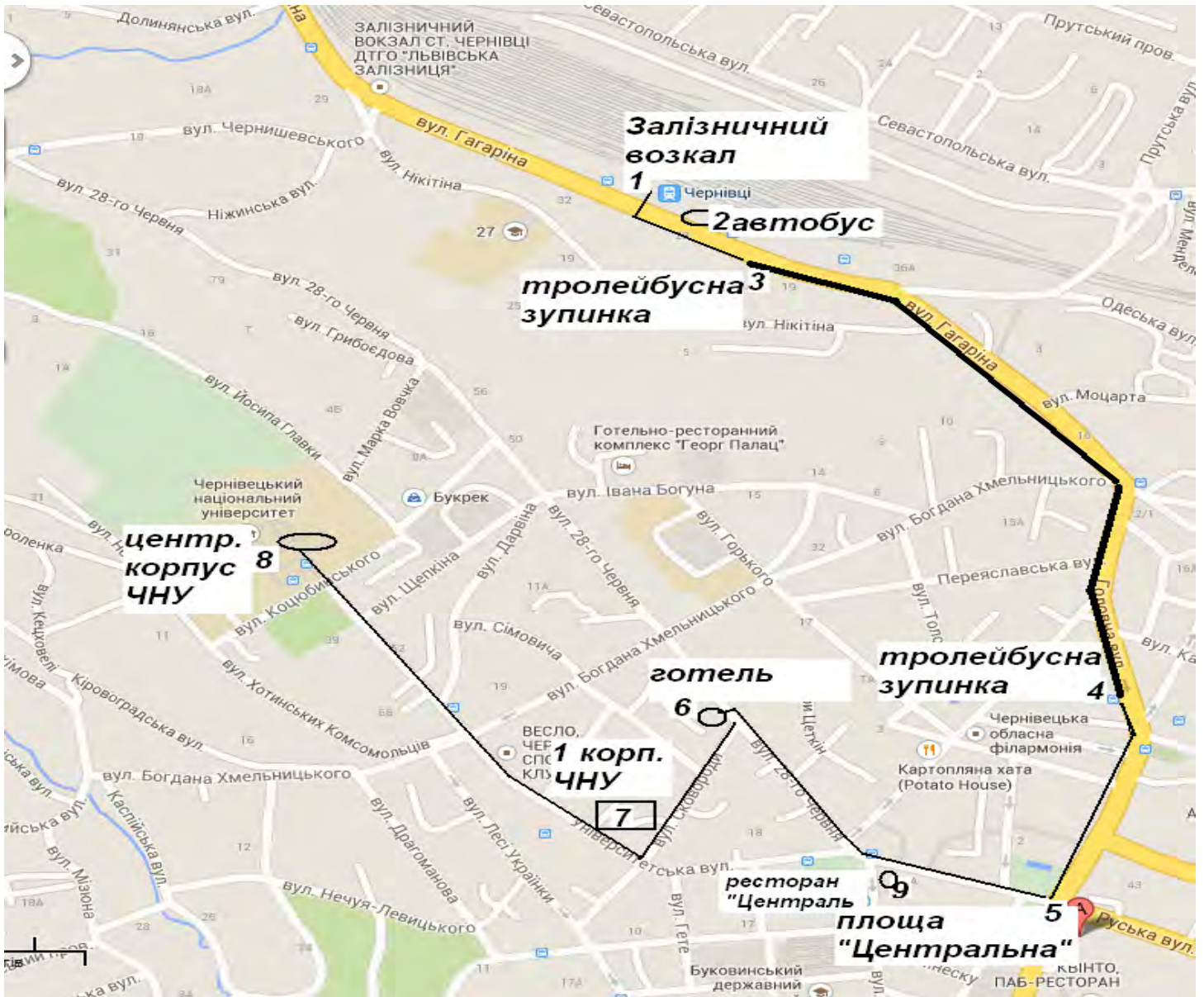
#### Ukraine



#### Chernivtsi National University







- 1- Центральний залізничний вокзал м.Чернівці.
  - 2- Стоянка авто. **Місце зустрічі учасників літньої школи організаторами від ЧНУ.**
  - 3-4 Можливий проїзд тролейбусом №№ 3, 5 від залізничного вокзалу до зупинки «вул. Боженка»
  - 5- Центральна площа м. Чернівці.
  - 6- Готель по вул. 28 Червня, 13. (код – 13).
  - 7- I-ий корпус ЧНУ (відділ комп'ютерних технологій інституту фізико-технічних і комп'ютерних наук та факультет математики і інформатики).
  - 8- Центральні корпуси ЧНУ в колишній резиденції Митрополитів Буковини. **Місце проведення засідань літньої школи TEMPUS CABRIOLET (корпус №5, Мармурова зала).**
  - 9- Ресторан «Централь».
- \*) В 6-30 – 6-50 та 9-00 – 9-15 на стоянці авто учасників літньої школи очікуватиме мікроавтобус ЧНУ, який слідуватиме до готелю на вул. 28 Червня, 13.**

- 1 - Central Station Chernivtsi.
- 2 - Stop the car. Place of meeting of participants of the summer school by organizers from CNU.
- 3-4 - Possible travel trolley bus number 3 number 5 from the train station to the "street Bozhenka" station
- 5 - Central square of Chernivtsi.
- 6 - The hotel is on the 28<sup>th</sup> June street, 13. (Code - 13).
- 7 - I-th corps of CNU (Department of Computer Technology Institute of Physical and Technical Computer Science and Department of Mathematics and Computer Science).
- 8 - The central building CNU in the former residence of Bukovina metropolitans. **Venue of the TEMPUS CABRIOLET summer school sessions (building № 5, Marble Hall).**
- 9 - Restaurant "Central".

#### **4. TRANSPORT**

From **railway station of Chernivtsi:**

- by taxi (approx. 10min), price – 15 UAH (1,5 USD)
- by bus N10 from Station 3 to Vatutina str. (near restaurant "Central")

From **bus station of Chernivtsi:**

- by bus – N5 from Vorobkevych str. 1 to 1-st Corps University (University str., 28)
- by taxi – (approx. 15 min), price – 20 UAH. (2 USD)

You can order **taxi** by phone: 585-111, 585-999 – Eurotaxi.

**Address of the University: Kotsyubyns'kogo St., 2.**

**Address of the Hotel: 28 Chervnia St., 13.**

Phone for contact information: 067-372-45-87, 066-88-44-640 (George Vorobets)  
050-97-97-123 (Yulia Tanasyuk)

## 5. NOTES