



**OFFICIAL PROGRAM OF THE CONFERENCE
TRANSPORT FOR TODAY'S SOCIETY**

DAY I

Day	Time	Place: Faculty of Technical Sciences
Thursday 19.05.2016	8.30 - 10.00	Registration (Main Hall, Room 9, second floor)
	10.00 – 10.30	Welcome session (welcoming speech from Rector of the University, Dean of the Faculty of Technical Sciences, Chairman of the Organization committee) (Main Hall, Room 9, second floor)
	10.30 – 10.45	Certification assignment to co-organizers and assistants and supporters to the Conference
	10.45 - 11.15	Coffee break
	11.15 – 12.00	Guest lectures (Main Hall, Room 9, second floor) TOPICS: Ljubljana – the European Green Capital 2016 CIVINET Slovenia – Croatia – South East Europe Network, a path to sustainable mobility for the whole region <i>Presenter: Mr. Vlado Babic, Network Regional Manager, CIVINET Slovenia – Croatia – SEE, Slovenia</i>

<p>12.00 – 13.30</p>	<p>Presentations in sessions PART I</p> <div data-bbox="415 215 956 419" style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Session: TRANSPORT LOGISTICS Presentations group 1 - MAIN HALL</p> <p>Session moderators: Ivo Dukoski, Gordan Stojić, Mirsad Kulović</p> <p>Presentations: A-01 * A-02 * A-03 *A-04 *A-05 *A-06 *A-07</p> </div> <div data-bbox="415 451 956 643" style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Session: ROAD ENGINEERING Presentations group 2 - ROOM 310 (second floor)</p> <p>Session moderators: RadojkaDonceva, Marija Malenkovska,DraženkoGlavić</p> <p>Presentations: B-01 * B-02 * B-03 *B-04 *B-05 *B-06 * B-07</p> </div> <div data-bbox="415 683 956 874" style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Session: TRAFFIC SAFETY Presentations group 3 - ROOM 413 (third floor)</p> <p>Session moderators: Vladan Tubić, Vuk Bogdanović, Marina Milenković</p> <p>Presentations: C-01 * C-02 * C-03 * C-04</p> </div> <div data-bbox="415 906 956 1098" style="border: 1px solid black; padding: 5px;"> <p>Session: POSTAL TRAFFIC Presentations group 4 - ROOM 404 (third floor)</p> <p>Session moderators: Goran Marković, Marija Ljubanić, Vesna Radonjić Đogatović</p> <p>Presentations: D-01 * D-02 * D-03 *D-04 *D-05 *D-06</p> </div>
<p>13.30 – 14.30</p>	<p>Cocktail</p>
<p>14.30 – 15.30</p>	<p>Students poster presentations (Main Hall, room 9, second floor)</p>
<p>15.30 – 18.30</p>	<p>Friendlymeeting (Bitola sightseeing)</p>



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DAY II

Day	Time	Place: Faculty of Technical Sciences
Friday 20.05.2016	10.00 –11.30	<p>Presentations in sessions PART II</p> <div data-bbox="412 711 953 903" style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Session: RAILWAY TRANSPORT Presentations group 5 - MAIN HALL</p> <p>Session moderators: Slavko Vesković, Gordan Stojić, Kire Dimanovski</p> <p>Presentations: E-01 * E-02 * E-03 *E-04 *E-05 *E-06 * E-07 *E-08 * E-09</p> </div> <div data-bbox="412 951 953 1142" style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Session: PUBLIC TRANSPORT Presentations group 6 - ROOM 413 (third floor)</p> <p>Session moderators: Nikola Krstanoski, Pavle Gladović, Slaven Tica</p> <p>Presentations: F-01 * F-02 * F-03 *F-04 *F-05 *F-06*F-07 *F-08</p> </div> <div data-bbox="412 1190 953 1390" style="border: 1px solid black; padding: 5px;"> <p>Session: TRANSPORT LOGISTICS Presentations group 1 - ROOM 404 (third floor)</p> <p>Session moderators: Ivo Dukoski, Aleksander Śladkowski, Jasmina Bunevska</p> <p>Presentations: A-08 * A-09 * A-10 *A-11 *A-12 *A-13 * A-14</p> </div>

		<table border="1"> <tr> <td>Session: SUSTAINABILITY IN TRANSPORT Presentations group 7 - ROOM 310 (second floor)</td> </tr> <tr> <td>Session moderators: IlijaTanackov, Beti Angelevska, Nataša Stojić</td> </tr> <tr> <td>Presentations: G-01 * G-02 * G-03 *G-04</td> </tr> </table> <table border="1"> <tr> <td>Session: TRANSPORT PLANNING Presentations group 8 - FACULTY MEETING ROOM</td> </tr> <tr> <td>Session moderators: Vaska Atanasova, Zoran Krakutovski, Valentina Basarić</td> </tr> <tr> <td>Presentations: H-01 * H-02 * H-03 *H-04 *H-05 *H-06 *H-07</td> </tr> </table>	Session: SUSTAINABILITY IN TRANSPORT Presentations group 7 - ROOM 310 (second floor)	Session moderators: IlijaTanackov, Beti Angelevska, Nataša Stojić	Presentations: G-01 * G-02 * G-03 *G-04	Session: TRANSPORT PLANNING Presentations group 8 - FACULTY MEETING ROOM	Session moderators: Vaska Atanasova, Zoran Krakutovski, Valentina Basarić	Presentations: H-01 * H-02 * H-03 *H-04 *H-05 *H-06 *H-07
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Presentations: H-01 * H-02 * H-03 *H-04 *H-05 *H-06 *H-07								
11.30 – 12.00	Coffee break							
12.00 – 13.00	Guest lectures (Main Hall, room 9, second floor) TOPIC: How the restructuring of Serbian Railways, JSC has been performed <i>Presenter: Mr. Nenad Kecman, Executive Director, Serbian Railways JSC, Serbia</i> TOPIC: Delivery of goods between East and West <i>Presenter: Prof. Aleksander Sladkowski, Silesian University of Technology, Poland</i>							
13.00 – 13.30	Coffee break							
13.30 – 14.30	Conference closing and awarding of certificates							
20.00	Gala dinner							



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DAY III

Day	Time	
Saturday 21.05.2016	09.00 - 18.00	Excursion to Ohrid



LIST OF PRESENTATIONS

Group 1: TRANSPORT LOGISTIC

- A-01. *Ivo Dukoski
Nikolce D. Talevski*
**DEVELOPMENT OF LOGISTIC MODEL AS AN
INNOVATION FOR DESIRED QUALITY OF SERVICE**
- A-02. *Strahinja Marjanović
Dejan Radivojević*
**APPLICATION METHOD FOR MAKING DECISION IN
COMBINED TRANSPORT: THE PROCESSING OF THE
CASE STUDIES**
- A-03. *Gordan Stojić
Jovan Tepić
Siniša Sremac, Sanjin Milinković*
MODELS FOR LOGISTICS CENTER MANAGEMENT
- A-04. *Marko Vasiljević
Željko Stević
Ilija Čosić
Dejan Mirčetić*
**COMBINED FUZZY AHP AND TOPSIS METHOD FOR
SOLVING LOCATION PROBLEM**

- A-05. *Mirsad Kulović*
FREIGHT TRANSPORT PERFORMANCE INDICATORS
- A-06. *Siniša Sremac*
Tanja Arsić
Branko Vukobratović, Nenad Smiljanić, Goran Tepić
**JUSTIFICATION OF THE USAGE OF THE APPROVED
PACKAGING IN THE TRANSPORT OF DANGEROUS
GOODS**
- A-07. *Zoran Bundalo*
Milan Milosavljević
Marko Bursać
**ANALYSIS OF CURRENT SITUATION AND DEVELOPMENT
OF CONTAINER TERMINAL IN BELGRADE**
- A-08. *Verica Dančevska*
Josif Talevski
Ile Cvetanovski
TRANSPORT POLICY IN THE REPUBLIC OF MACEDONIA
- A-09. *Cvetanovski Ile*
Atanasova Vaska
Dančevska Verica, Cvetanka Cvetanovska
**MODERN TRANSPORT HANDLING UNITS IN
INTERMODAL TRANSPORT**
- A-10. *Maria Cieśla*
Aleksander Sladkowski
**FUNCTIONALITY OF FLEET CARDS FOR CASHLESS
TRANSACTIONS IN POLISH TRANSPORT COMPANIES**
- A-11. *Ema Berisha-Krasniqi*
Ivo Dukovski
**THE ROAD NETWORK IN THE BALKAN REGION
AND THE POSSIBILITY OF THE DEVELOPMENT OF
MULTIMODAL TRANSPORT**

- A-12. *Silvana Angelevska*
Brankica Zdraveska
Ivo kuzmanov, Zore Angelevski, Igor Zdraveski
**UNDERSTANDING THE IMPORTANCE OF THE
INTERNATIONAL QUALITY STANDARDS IN THE
AUTOMOTIVE INDUSTRY**
- A-13. *Zdraveska Brankica*
Ivo Kuzmanov
Silvana Angelevska, Zore Angelevski, Igor Zdraveski
**ADVANCED PRODUCT QUALITY PLANNING IN THE
AUTOMOTIVE INDUSTRY**
- A-14. *Ivo Kuzmanov*
Silvana Angelevska
Zore Angelevski
**METHODOLOGIES THAT COULT BE USED TO OPTIMIZE
THE BUSINESS PERFORMANCE RELATED TO REAL
INDUSTRIAL PROBLEMS**

Group 2: ROAD ENGINEERING

- B-01.** *Marija Malenkovska Todorova*
Radojka Donceva
Jasmina Bunevska Talevska
PHOTOCATALYSIS – A PROMISING TECHNOLOGY FOR SUSTAINABLE ROADS
- B-02.** *Ilija Hristoski*
Marija Malenkovska Todorova
ROAD TRAFFIC FLOW CHARACTERIZATION USING RELATIONAL DATABASES
- B-03.** *Dario Babić*
Luka Novačko
Anđelko Ščukanec
OBSERVING THE IMPACT OF VARIABLE SPEED LIMIT SIGNS ON THE TRAFFIC FLOW
- B-04.** *Edouard Ivanjko*
Daniela Koltovska Nechoska
INTELLIGENT TRAFFIC CONTROL IN URBAN AREAS
- B-05.** *Draženko Glavić*
Marina Milenković
Miloš N. Mladenović
COMPARATIVE ANALYSIS OF THE MACEDONIAN ROAD TOLLING SYSTEM WITH EU TRENDS
- B-06.** *Jasmina Bunevska Talevska*
A COMPARATIVE ANALYSIS OF TRAFFIC SIMULATION SYSTEMS

B-07.

Muhamed Krasniqi

Verica Danchevska

Ema Berisha-Krasniqi

**INTEGRATION OF KOSOVO ROAD NETWORK INTO THE
PAN-EUROPEAN NETWORK, THROUGH THE EUROPEAN
UNION INFRASTRUCTURE PROJECTS**

Group 3: TRAFFIC SAFETY

- C-01.** *Marina Milenković*
 Draženko Glavić
 Vladan Tubić, Ana Trpković
**EVALUATION OF THE IMPACT OF THE ROAD
CHARACTERISTICS ON TRAFFIC SAFETY**
- C-02.** *Cvetanka Ristić*
 Violeta Manevska
**META-ANALYSIS AS A TOOL TO EVALUATE THE
EFFECTIVENESS OF SAFETY MEASURES IN ROAD
TRAFFIC**
- C-03.** *Jelena Mitrović Simić*
 Valentina Basarić
 Vuk Bogdanović
**PEDESTRIAN CROSSING BEHAVIOUR AT UNSIGNALIZED
CROSSINGS**
- C-04.** *Ratka Neshkovska*
 Julijana Velevska
**MULTIPLE APPLICATIONS OF ELECTROCHROMIC
MATERIALS IN THE AUTOMOTIVE INDUSTRY**

Group 4: POSTAL TRAFFIC

- D-01.** *Marija Ljubanić*
 Mladenka Blagojević
**ADDRESSING AS AN ELEMENT OF THE QUALITY OF
POSTAL SERVICES**
- D-02.** *Nikola Đokić*
 Momčilo Dobrodolac
**A STUDY ON THE MODERNIZATION OF POSTAL
DELIVERY**
- D-03.** *Vesna Radonjić Đogatović*
 Valentina Radojičić
**A MODEL OF COMPETITION AMONG
TELECOMMUNICATION SERVICE PROVIDERS BASED ON
REPEATED GAME**
- D-04.** *Vitimir Matović*
 Momčilo Dobrodolac
**FORECASTING THE NUMBER OF POSTAL SERVICES IN
THE REGION OF SOUTH EAST EUROPE**
- D-05.** *Suzana Miladić*
 Goran Marković
 Mirjana Stojanović, Valentina Radojičić
**COGNITIVE RADIO APPLICATION IN VEHICULAR AD
HOC NETWORKS (VANETS)**
- D-06.** *Svetlana Nikoloska*
 Jovche Angeleski
**SECURITY OF THE COMPUTER DATA AND
INFORMATION IN THE ELECTRONIC TRAFFIC**

Group 5: RAILWAY TRANSPORT

- E-01.** *Kire Dimanoski*
Gordan Stojic
Gligorche Vrtanoski
MODEL FOR MEASURING QUALITY OF RAILWAY PASSENGER SERVICE
- E-02.** *Norbert Pavlović*
Miloš Kostadinović
Milan Marković, Miloš Ivić, Milana Kosijer
ANALYSIS OF THE TRAIN DERAILMENT CAUSES USING FAULT TREE ANALYSIS
- E-03.** *Sanjin Milinković*
Jaroslav Mašek
Slavko Vesković, Milan Marković, Ivan Belošević
SIMULATING TRAIN TRAFFIC ON A DOUBLE TRACK RAILWAY LINE BY PETRI NETS
- E-04.** *Ivan Belošević*
Miloš Ivić
Milana Kosijer, Norbert Pavlović, Slaviša Acimović
RAIL-ROAD TRANSSHIPMENT YARDS: LAYOUTS AND RAIL OPERATION
- E-05.** *Snežana Mladenović*
Stefan Zdravković
Slavko Vesković, Slađana Janković
LOADING OPTIMIZATION OF PALLET UNITS IN RAILWAY WAGONS
- E-06.** *Nikola Stojadinovic*
Branislav Boskovic
CONTROVERSIES CONCERNING CENTRALIZED AND DECENTRALIZED APPROACH FOR ALLOCATION OF THE RAILWAY INFRASTRUCTURE CAPACITY

- E-07.** *Željko Stević*
Ilija Tanackov
Marko Vasiljević, Kire Dimanoski
**MODELLING OF PROCUREMENT PROCESSES USING
MULTICRITERIA ANALYSIS**
- E-08.** *Života Đorđević*
Jovan Tepić,
Zoran Bundalo, Nenad Kecman, Slaviša Aćimović
**SYSTEMS FOR MONITORING AND DISCLOSURE FAILURE
ON RAILWAY WAGONS**
- E-09.** *Nenad Kecman*
Života Đorđević
RESTRUCTURING OF SERBIAN RAILWAYS JSC

Group 6: PUBLIC TRANSPORT

- F-01.** *Slaven M. Tica*
Stanko A. Bajčetić
Predrag V. Živanović, Andrea M. Nađ, Branko M. Milovanović
**REAL-TIME MONITORING AND MANAGEMENT IN
PUBLIC TRANSPORT SYSTEM – BELGRADE CASE STUDY**
- F-02.** *Dejan Zlateski*
**BARRIERS THAT AFFECT THE MOVEMENT OF PUBLIC
TRANSPORT VEHICLES IN THE CITY OF SKOPJE**
- F-03.** *Milan Stanković*
Pavle Gladović
Milan Perić, Dejan Bogičević, Vladimir Popović, Dušan Radosavljević
**PROLONGED BUS WAITING TIME AT A BUS STOP
CAUSED BY PASSENGERS' ENTRANCE AND EXIT**
- F-04.** *Nikola Krstanoski*
**MODELLING METRO STATION BOARDING AND
ALIGHTING TIMES**
- F-05.** *Vladimir Popović*
Milan Stanković
Pavle Gladović
**NEEDS FOR APPLICATION OF MODERN FARE SYSTEMS
IN PUBLIC CITY PASSENGER TRANSPORT**
- F-06.** *Dragan Sekulić*
Dušan Mladenović
**EVALUATION AND ANALYSIS OF VIBRATION EFFECTS
ON BUS USERS**
- F-07.** *Stefan Đorđević*
Nikola Dimitrijević
MULTIMODAL PASSENGER TERMINALS

F-08.

Anica Milošević

Slađana Nedeljković

**ACT ON RISK ASSESSMENT FOR THE BUS DRIVER
WORKPLACE WITH MEASURES OF HEALTH AND
SAFETY AT WORK**

Group 7: SUSTAINABILITY IN TRANSPORT

- G-01.** *Nataša Stojić*
 Mira Pucarević
 Ilija Tanackov, Suncica Kocić-Tanackov
 THE ENVIRONMENTAL IMPACTS OF LOGISTICS CENTER
- G-02.** *Polonca Andrejčič Mušič*
 THE DEVELOPMENT OF SMART MULTIFUNCTIONAL
 CYCLING COUNTER AS AN INNOVATIVE TOOL TO
 INCREASE SUSTAINABLE MOBILITY
- G-03.** *Beti Angelevska*
 Aleksandar Markoski
 POTENTIAL OF OPEN SOURCE GIS FOR MANAGEMENT
 OF TRAFFIC AIR POLLUTION
- G-04.** *Danijela Stanković*
 ANALYSIS OF THE IMPACT OF CLIMATE CHANGES ON
 THE WATER TRANSPORT ON THE TISZA RIVER

Group 8: TRANSPORT PLANNING

- H-01.** *Vaska Atanasova
Dragan Ilievski
Kristina Hadjipetkova*
**INTEGRATIVE APPROACH IN THE DESIGN OF
ALTERNATIVE WAYS OF TRANSPORT: A CASE STUDY**
- H-02.** *Vaska Atanasova
Lidija Markovikj Bogdanovska*
**TRANSPORT DEMAND FORECASTING IN SMALL CITIES
USING SOFTWARE PACKAGE FOR A SPECIFIC EXAMPLE
FOR GEVGELIJA TOWN**
- H-03.** *Zoran Krakutovski
Zlatko Zafirovski
Ivona Nedevska*
**LONGITUDINAL DATA FOR MODELING URBAN
MOBILITY ON LONG TERM**
- H-04.** *Slađana Janković
Dušan Mladenović
Snežana Mladenović, Stefan Zdravković, Ana Uzelac*
BIG DATA IN TRAFFIC
- H-05.** *Valentina Basarić
Dejan Stojković
Jelena Mitrović Simić, Milica Miličić*
**BICYCLE PLANNING AND PROGRAM DEVELOPMENT IN
THE CITY OF NOVI SAD**
- H-06.** *Tatjana Savković
Milica Miličić
Pavle Pitka, Nenad Stošović*
MUTUAL INFLUENCE OF TRANSPORT AND TOURISM
- H-07.** *Aleksander Sašo Steiner*
**PROMOTING THE USE OF SUSTAINABLE MODES OF
TRAVEL IN THE CASE OF LJUBLJANA CITY**