

7th INTERNATIONAL CONFERENCE

"Towards a Humane City"

Environmentally Friendly Mobility

CONFERENCE PROGRAMME

Novi Sad, 6th and 7th December 2019
Chamber of Commerce and Industry of Vojvodina



ORGANIZED BY:



University of Novi Sad
Faculty of Technical Sciences
Department of Traffic Engineering



REPUBLIC OF SERBIA
AUTONOMOUS PROVINCE OF VOJVODINA
PROVINCIAL SECRETARIAT FOR ENERGY,
CONSTRUCTION AND TRANSPORT



Association

Humane City



6th December 2019, Friday

09:00 – 10:00 Registration of participants

10:00 – 10:30 **OPENING (Hall No.1)**

10:45 – 11:45 Invited lectures (Hall No.1)

Dušan Savković

THE GREEN CITY ACTION PLAN (GACP) – METHODOLOGY

Vuk Bogdanović

SMART PLAN NOVI SAD

11:45 – 12:15 Coffee break

12:15 – 14:00 Round-table discussion about SUMP (Hall No.1)

14:00 – 15:00 Lunch break

15:00 – 16:30 Presentations – Group of articles 1: Urban mobility policy (Hall No.1)

Luka Mladenović, Aljaž Plevnik

CHALLENGES OF BETTER SPATIAL AND TRANSPORT PLANNING INTEGRATION IN SLOVENIA

Vuk Bogdanović, Valentina Mirović, Slavko Davidović

SUMP FOR THE CITY OF BANJA LUKA

Slavko Davidović, Slaviša Sandić

THE CITY OF BANJA LUKA – CHALLENGES OF SUSTAINABLE MOBILITY

Jovan Hristoski, Goran Jovanović, Andon Petrovski, Olivera Petrovska

SUSTAINABLE URBAN MOBILITY PLAN FOR MUNICIPALITY OF VELES 2019-2030

Marko Stančec, Lidija Pavić-Rogošić

SUMPS, ACTIVE MOBILITY AND SAFETY

Hamid Mehinović, Hamdija Mujezin, Osman Lindov

ENHANCING COMPETITIVENESS AND INNOVATION IN THE GREEN AND SMART MOBILITY

Ratomir Vračarević, Vuk Bogdanović, Valentina Mirović, Nenad Ruškić,

Nemanja Garunović, Nenad Saulić, Milun Milićević, Vladimir Raković

TRANSPORTATION STUDY FOR THE CITY OF KRAGUJEVAC

Miloš Spasić, Marko Veličković, Đurđica Stojanović

THE IMPACT OF DOUBLE-PARKED DELIVERY VEHICLES ON TRAFFIC CONGESTION IN URBAN AREAS

Vladimir Ilin, Dragan Simić

BARRIERS TO THE DEVELOPMENT OF HUMANE CITY OF NOVI SAD

Presentations – Group of articles 2: New mobility services, technologies and tools (Hall No.2)

Harald Fray, Barbara Laa, Edeltraut Haselsteiner, Verena Madner, Lisa-Maria Grob, Katja Schwaigerlehner

THE VERTICAL URBAN FACTORY CONCEPT AND SUSTAINABLE TRANSPORT – PROTOTYPES FOR EUROPEAN CITIES

Ljupko Šimunović, Mario Ćosić, Julijan Jurak, Matija Sikirić

OVERVIEW OF THE IMPLEMENTATION OF ACTIVITY-BASED MODELS IN CITY PLANNING

Saša Petar, Dino Valeš, Fitim Kurti

APPLICATION OF SMART CONCEPT IN SMALL CITIES (EXAMPLE: CROATIA)

Vanja Đurđević, Dubravko Aleksić, Tanja Trkulja

SUSTAINABLE STRATEGIES FOR DEVELOPING BANJA LUKA AS A CITY FOR PEDESTRIANS AND CYCLISTS

Ana Trpković, Branimir Stanić, Slaven Tica, Sreten Jevremović, Predrag Živanović

MICROMOBILITY REVOLUTION - CHALLENGES AND POTENTIALS

Dragana Petrović, Vladimir Đorić, Ivan Ivanović

METHODOLOGY FOR THE NATIONAL HOUSEHOLD TRAVEL SURVEY IN THE REPUBLIC OF SERBIA

Osman Lindov, Boran Pikula

ELECTROMOBILITY MODELS AND SUSTAINABLE URBAN DEVELOPMENT – CASE STUDY SARAJEVO

Aleksandar Mastilović, Osman Lindov

URBAN SUSTAINABILITY AND SMART STREET LIGHTS – CASE STUDY SARAJEVO

Vuk Bogdanović, Valentina Mirović, Jelena Mitrović Simić, Nemanja Garunović,

Ana Vujičić, Miodrag Počuć, Igor Vukobratović

IMPROVEMENT OF PARKING CONDITION ON THE TAXI STANDS IN THE CITY OF NOVI SAD – CASE STUDY

16:30 – 16:45 Coffee break

16:45 – 18:30 Presentations – Group of articles 2: New mobility services, technologies and tools (Hall No.2)

Beti Angelevska, Vaska Atanasova, Aleksandar Markoski

PUBLIC FIGHT VS AIR POLLUTION: IS THE MONITORING SYSTEM A FIRST STEP FOR AIR QUALITY MANAGEMENT IN THE TOWN OF BITOLA

Jelena Simićević, Vladimir Molan, Nada Milosavljević

INFORMAL PARK-AND-RIDE BEHAVIOUR

Marko Stanković

OPPORTUNITIES OF INTELLIGENT TRANSPORTATION SYSTEMS FOR PUBLIC TRANSPORTATION

Draženko Glavić, Marina Milenković

ELECTRIC MICRO MOBILITY VEHICLES TECHNOLOGIES OPPORTUNITIES
ASSESSMENT AND FORECAST

Zoran Pavlović

USER'S ABILITY TO USE INTERNET TECHNOLOGIES IN TRANSPORT

Drago Ezgeta, Mustafa Mehanović, Ahmed Ahmić

THE ROLE OF ITS ARCHITECTURE IN THE DIGITIZATION OF TRANSPORT IN SMART
CITY

Ralph Gambetta, Danijela Barić

OPEN SOURCE TICKETING ENHANCING MOBILITY AS A SERVICE SCHEMES

Marko Slavulj, Julijan Jurak, Matija Sikirić, Marko Emanović, Matija Vuger

OPTIMIZATION OF VEHICLE TESTING CENTER LOCATIONS IN ZAGREB COUNTY

Bojan Jovanović, Dragana Šarac, Nikola Trubint, Nataša Čačić

REORGANIZATION OF THE POSTAL SECTOR AT URBAN AREAS

Ivana Milenković, Milica Miličić, Tatjana Savković, Pavle Pitka

EFFECTS OF AUTONOMOUS VEHICLES TECHNOLOGY USAGE

20:00 – 00:00 Conference dinner

Restaurant “Fontana”

Nikole Pašića 27, Novi Sad

Scan QR code to view
restaurant address on

Google Maps®



7th December 2019, Saturday

10:00 – 11:30 Lectures/workshop 1 (Hall No.1)

Tamara Đukić, Aleksandar Jevđenić

MACROSIMULATION MODELS

Presentations – Group of articles 3: Public transport organization
(Hall No.2)

Miroslava Kaluđerović, Slađana Stanković, Mara Dabović, Suzana Mazić

REORGANIZATION AND DEVELOPMENT OF TROLLEYBUS SUBSYSTEM IN BELGRADE

Istvan Csuzi

THE E-BUS: ECONOMIC OR/AND ECO FRIENDLY ALTERNATIVE

**Steve Wright, Caitlin Cottrilla, Lidia Salab, Michele Masnatac,
Pasquale Cancellara**

NEW MOBILITY SOLUTIONS TO FIGHT TRANSPORT POVERTY AND EXCLUSION IN
EUROPEAN CITIES AND REGIONS

Davor Brčić, Marko Slavulj, Dino Šojat, Božo Radulović

ANALYSIS OF TAXI TRANSPORTATION IN TOURIST CENTRES

Ilija Perić, Milan Stanković, Pavle Gladović, Dejan Bogićević

INCREASING MOBILITY OF POPULATION IN SUBURBAN SETTLEMENTS THROUGH
OPTIMIZATION OF PUBLIC TRANSPORT LINES

**Predrag Anđelković, Pavle Pitka, Milan Simeunović, Milica Miličić,
Tatjana Savković**

INTEGRATION OF PUBLIC PASSENGER TRANSPORT AND CYCLING

Milja Simeunović, Zoran Papić, Duško Jakšić

SMART BUS STOPS

Milan Lazarević, Milan Simeunović, Dejan Radivojev

INDICATORS OF SERVICE QUALITY IN PASSENGER PUBLIC TRANSPORT ON THE
TERRITORY OF STARA PAZOVA

11:30 – 12:00 Invited lectures (Hall No.1)

Andree Woodcock

STEPS ALONG THE WAY TO SUSTAINABLE, INCLUSIVE AND ACCESSIBLE
TRANSPORT

12:00 – 12:30 Coffee break

12:30 – 13:00 Invited lectures (Hall No.1)

Gradimir Stefanović

TRAM-TRAIN TECHNOLOGY – REVIEW AND DEVELOPING POSSIBILITIES

13:00 – 14:30 Lectures/workshop 2 (Hall No.1)

Aleksandar Panjković, Nemanja Garunović, Nenad Saulić
MICROSIMULATION MODELS

Presentations – Group of articles 4: Traffic safety (Hall No.2)

Sonja Peričević-Medić, Milorad Španović, Ivan Mikov
THE IMPORTANCE OF AGING AND REACTION TIMES FOR TRAFFIC SAFETY

Biljana Ranković Plazinić, Marijana Pantić
EXCLUSIVE PEDESTRIAN PHASES AS A MEASURE TO IMPROVE PEDESTRIAN SAFETY
ON SIGNALIZED INTERSECTIONS

Predrag Brlek, Ljudevit Krpan, Ivan Cvitković, Krunoslav Lukačić
ANALYSIS OF TRAFFIC ACCIDENTS OF YOUNG DRIVERS IN URBAN AREAS AND
MEASURES TO INCREASE SAFETY

Željko Šarić, Goran Zovak, Danijel Brkić, Tomislav Kučinić
ANALYSIS CHARACTERISTIC OF HAZARDOUS LOCATIONS IN URBAN
ENVIRONMENTS

Andrijana Jović, Zoran Papić, Milan Simeunović, Nenad Saulić
PEDESTRIANS CROSSING SPEED AND INFLUENTIAL FACTORS

**Sandra Nemet, Dragan Kukolj, Dragan Jovanović, Gordana Ostojić,
Stevan Stankovski**
IDENTIFICATION OF INFLUENCING ATTRIBUTES FOR THE TRAFFIC ACCIDENT
SEVERITY PREDICTION MODEL

**Boško Matović, Miloš Pljakić, Aleksandar Bulajić, Predrag Stanojević,
Svetlana Bačkalić**
FACTOR STRUCTURE OF THE DRIVING ANGER SCALE AMONG SERBIAN DRIVERS

**Dragan Jovanović, Dragan Kukolj, Nikola Jorgovanović, Darko Stanišić,
Boško Matović**
THE SPATIAL DISTRIBUTION OF ROAD ACCIDENTS AND THEIR CONSEQUENCES IN
THE AREA OF AP VOJVODINA

14:30 – 15:00 Closing session (Hall No.1)



Legend:



Conference Venue

Chamber of Commerce and Industry of Vojvodina
Hajduk Veljkova 11, Novi Sad



Conference Dinner Venue

Restaurant "Fontana"
Nikole Pašića 27, Novi Sad



Hotel "NOVI SAD"

Bulevar Jaše Tomića 1, Novi Sad

WITH SUPPORT:



CIVITAS City Networks
CIVINET Slovenia-Croatia-SE



ГРАД БАЊА ЛУКА
CITY OF BANJA LUKA

City of Banja Luka



GRADSKA UPRAVA
GRADA BEOGRADA
SEKRETARIJAT
ZA JAVNI PREVOZ

Administration of the
City of Belgrade
Secretariat for Public Transport



Regional development
agency SREM



The Public City Transport
Enterprise of Novi Sad



ПАРКИНГ
СЕРВИС

PUC "Parking servis"
Novi Sad



Serbian Chamber
of Engineers



ПРИВРЕДНА КОМОРА ВОЈВОДИНЕ
CHAMBER OF COMMERCE AND INDUSTRY OF VOJVODINA

Chamber of Commerce and
Industry of Vojvodina

UNDER THE AUSPICE OF:



REPUBLIC OF SERBIA
AUTONOMOUS PROVINCE OF VOJVODINA
ASSEMBLY OF THE AUTONOMOUS
PROVINCE OF VOJVODINA

