

6th INTERNATIONAL CONFERENCE

“Towards a Humane City”

Smart Mobility – Synergy between Sustainable Mobility
and New Technologies

PRELIMINARY CONFERENCE PROGRAMME



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

NOVI SAD
26th and 27th October 2017



26th October 2017, Thursday



VENUE : Plenary Hall of Assembly of the Autonomous Province of Vojvodina

08:30 – 10:00 Registration of participants

10:00 – 11:00 Main hall: **OPENING**

11:00 – 11:30 Coffee break

11:30 – 13:00 Invited lectures

Borislav Stojkov

MOBILITY AS A CHALLENGE TO HUMAN CITY

Andree Woodcock

THE ACT OF BEING MOVED

Antulio Richetta

FLUID INFRASTRUCTURE

13:00 – 14:00 Lunch break

14:00 – 16:00 Presentations – Group of articles 1: Public transport

Slađana Stanković, Miroslava Kaluđerović

SIX MONTHS OF OPERATION ON THE FIRST EBUS LINE IN BELGRADE

Slavko Davidović, Slavša Sandić

APPLICATION »BL BUS« – ONE STEP TOWARDS MODERNIZATION OF PUBLIC TRANSPORT

Vladimir Popović, Pavle Gladović, Igor Trajković, Milan Stanković

IMPORTANCE OF APPLYING EU POLICIES OF THE ROAD TRANSPORT STRATEGY IN THE ORGANIZATION OF TAXI TRANSPORT

Nikola Ristić, Bojan Vozar, Jasmina Stanišić

LAND ACQUISITION IN THE CORRIDOR OF URBAN RAIL SYSTEM - POTENTIALS OF THE INDUCED CONSTRUCTION

Milja Simeunović, Milan Simeunović, Pavle Pitka

DEVELOPMENT OF PRIORITY STRATEGIES FOR PUBLIC TRANSPORT VEHICLES

Davor Brčić, Marko Slavulj, Dino Šojat, Julijan Jurak

THE ROLE OF PUBLIC TRANSPORT IN THE SUSTAINABLE URBAN MOBILITY PLANS

László Libor, István Csuzi

METHOD FOR ENERGY EFFICIENCY ANALYSIS OF A PUBLIC TRANSPORT SYSTEM - CASE STUDY: ORADEA TRANSPORT LOCAL SA

Stefan Filipović

IMPLEMENTATION OF INTELLIGENT TRANSPORTATION SYSTEMS IN PUBLIC TRANSPORTATION SYSTEM IN BELGRADE

Milan Stanković, Milan Perić, Pavle Gladović, Dejan Bogićević, Vladimir Popović

CITY BUS IN THE FUNCTION OF A MOBILE BILLBOARD

Presentations – Group of articles 2: Logistics

Cosimo Chiffi

URBAN TRANSPORT ROADMAP

Bojan Jovanović, Dragana Šarac, Nikola Trubint

DIRECTIONS OF POSTAL SECTOR DEVELOPMENT

Đorđije Dupljanin, Milica Marčeta, Slaviša Dumnić

ADVANTAGES AND DISADVANTAGES OF AUTONOMOUS VEHICLES IN POSTAL COMPANIES

Nataša Čačić, Nebojša Maksimović, Đorđije Dupljanin

THE URBAN FREIGHT TRANSPORT-EXPERIENCES AND PERSPECTIVES OF POSTAL COMPANIES

Snežana Tadić, Slobodan Zečević, Ana Kostadinović

HOME DELIVERY – PROBLEMS AND OPPORTUNITIES

Slobodan Zečević, Snežana Tadić, Zorana Savatić

CARGO BIKES FOR HUMAN CITY

Dušan Radosavljević, Aleksandar Manojlović, Olivera Medar, Nebojša Bojović, Dejan Bogićević

MANAGING THE EFFECTIVENESS OF ROAD FREIGHT TRANSPORT

Elma Plasto Plećan, Mirsad Kulović

CHALLENGES OF SUSTAINABLE TRANSPORTATION LOGISTICS IN BOSNIA AND HERZEGOVINA IN REGARDS OF ITS ASPIRATION FOR EU MEMBERSHIP CANDIDACY

Marko Veličković, Mauro Dell'Orco, Mario Marinelli, Đurđica Stojanović, Dejan Mirčetić

STEP-BY-STEP MODEL FOR DECISION MAKING IN CITY LOGISTICS UNDER UNCERTAINTY

WORKSHOP 1:

Johannes Diepens

“ACTIVE MOBILITY”

16:00 – 16:30 Coffee break

16:30 – 18:00 Presentations – Group of articles 3: Walking environment

Jan Christiaens

TRACE PROJECT - ICT TRACKING SERVICES FOR CYCLING AND WALKING

Ksenija Hiel, Ivana Sentić, Emina Mladenović, Lazar Pavlović, Jelena Cukanović
SQUARE AS PEDESTRIAN OR PARKING SPACE

Dragan Đorđević, Gordan Stojić, Ana Vulević

RAIL NETWORK SPATIAL APPROACH METHODOLOGIES FOR ACHIEVING BETTER ACCESS TO PEOPLE WITH DISABILITIES: A BRIEF LITERATURE REVIEW

Miloš Kopiće, Darko Polić, Siniša Sremac

REDEFINING THE URBAN SITUATION FROM THE ASPECT OF TRAFFIC IN THE AREA AT THE HISTORIC SUBURB OF THE PETROVARADIN FORTRESS

Zoran Papić, Miloš Kopiće, Nenad Saulić, Goran Štetin

A SHARED SPACE CONCEPT IN PETROVARADIN FORTRESS SUBURB

Milena Vukmirović, Milutin Folić

DEVELOPING BELGRADE AS WALK-BIKE CITY

Presentations – Group of articles 4: SUMP

Beti Angelevska, Vaska Atanasova

SUSTAINABLE MOBILITY OPTION: SETTING THE STAGE FOR CAR SHARING

Kurt Fallast, Marie-Therese Fallast

ACTIVE MOBILITY AS PART OF A SUSTAINABLE MOBILITY MASTER PLAN

Ivan Šimunec, Hrvoje Pandža, Ante Klečina, Nebojša Kalanj

SUSTAINABLE MOBILITY PLANNING IN THE CITY OF KOPRIVNICA

Mojca Balant, Aljaž Plevnik

»PEOPLE FRIENDLY TRAVEL ZONES« AS A BASIC PLANNING UNIT IN SUMPS – CASE STUDY FROM LJUTOMER

Dragan Adamović, Mirjana Vojinović Miloradov, Savka Adamović, Jelena

Radonić, Maja Turk Sekulić, Sabolč Pap, Boris Obrovski

CITIES AS POLLUTION HOTSPOTS

Jelena Simičević, Nada Milosavljević

THE IMPACT OF PARKING CHARGE ON USER SOCIAL EQUALITY

WORKSHOP 2:

1st part: **Vladimir Dorić**

”EMISSIONS OF BASIC AIR POLLUTANTS AND NOISE LEVELS ON WHOLE CITY SCALE – ASSESSMENT EXAMPLE FOR SMARTPLAN OF BELGRADE”

2nd part: **Mirjana Vojinović Miloradov, et al.**

”TRAFFIC AS THE EMITTER OF THE GREENHOUSE GASSES, CONTAMINATION AND THE CLIMATE CHANGES”

21:00 – 00:00 Conference dinner



27th October 2017, Friday



VENUE : Congress Centre "Master" Novi Sad Fair

09:30 – 11:00 Invited lectures

Gradimir Stefanović

MODERNIZATION OF TRAM SYSTEMS IN CENTRAL AND EASTERN EUROPEAN COUNTRIES (CEECE) - KEY ACTIVITIES

Adam Torok

UTILITY BASED DECISION MAKING IN AUTONOMOUS VEHICLES

Kai Pagenkopf

INVITED LECTURES

11:00 – 11:30 Coffee break

11:30 – 13:30 WORKSHOP 3:

Johannes Diepens
"ACTIVE MOBILITY"

WORKSHOP 4:

Vlado Babič, Aljaž Plevnik

"SUSTAINABLE URBAN MOBILITY PLANS – A NEW STRATEGIC APPROACH FOR PLANNING MOBILITY IN CITIES AND TOWNS. EXPERIENCES FROM SLOVENIA"

WORKSHOP 5:

Andree Woodcock

"EMPATHIC DESIGN AND MOBILITY FOR OLDER TRANSPORT USERS"

13:30 – 14:30 Lunch break

14:30 – 16:30 Presentations – Group of articles 5: Cycling

Polonca Andrejčič Mušič

SMART INNOVATIVE CYCLING TRAFFIC MANAGEMENT ON MULTIPLE SPATIAL AND ADMINISTRATIVE LEVELS

Ljupko Šimunović, Mario Ćosić, Božo Radulović

PLANNING THE SUSTAINABLE DEVELOPMENT OF PEDESTRIAN AND BICYCLE TRAFFIC IN THE CITY OF SISAK

Vladimir Đorić, Nikola Trtica, Ivan Ivanović, Dragana Petrović

POTENTIALS OF CYCLING TO IMPROVE GENERAL MOBILITY AND SPECIAL INTEREST TOURISM

Luka Mladenović

INFLUENCE OF BIKE TO WORK CAMPAIGNS ON CYCLISTS TRAVEL HABITS

Fred Dotter

PING IF YOU CARE! CHANGING CYCLING POLICY AT THE PUSH OF A BUTTON

Mustafa Mehanović, Ahmed Ahmić, Elma Plasto Plečan

ASPECTS OF DEVELOPMENT CYCLE ROUTE NETWORK IN THE EXISTING NETWORK OF CITY ROADS

Ana Vujčić, Dejana Babić, Valentina Basarić, Jelena Mitrović Simić

CHARACTERISTICS OF CYCLING TRIPS IN NOVI SAD

Pasquale Cancellara

HOW WALKING AND CYCLING CAN DECREASE CONGESTION AND INCREASE QUALITY OF LIFE

Presentations – Group of articles 6: Data and modeling

Tea Pavlica, Nenad Ruškić

COMPARATIVE ANALYSIS OF INPUT AND OUTPUT DATA OF SOFTWARE FOR MICRO-SIMULATION OF TRAFFIC FLOWS

Dragan Simić, Vladimir Ilin

UTILIZING BIG DATA FOR SAFETY AND SUSTAINABLE MOBILITY

Darko Petrović, Dragoslav Kukić, Dragana Nojković

MODEL FOR TRAFFIC SAFETY MANAGEMENT AS A PART OF SUSTAINABLE DEVELOPMENT

Dragana Petrović, Ivan Ivanović, Vladimir Đorić, Jadranka Jović

CHALLENGES IN DATA COLLECTION ON TRANSPORT DEMAND AND SUPPLY IN DIFFERENT WEATHER CONDITIONS

Vaska Atanasova, Ramadan Duraku, Beti Angelevska

DEFINITION OF TRAVEL DEMAND MODELS IN ANAMORAVA REGION

Aleksandra Marinković

APPLYING TRIP DISTRIBUTION MODEL FOR THE PURPOSE OF DIFFERENT PARAMETERS OF THE GRAVITY MODEL

Giacomo Lozzi

TRACE – ASSESSMENT OF THE POTENTIAL OF MOVEMENT TRACKING SERVICES TO BETTER PLAN AND PROMOTE WALKING

Vladimir Ilin, Dragan Simić

INTERNET OF THINGS SOLUTIONS FOR BUILDING A SMART CITY

Presentations – Group of articles 7: New technologies

Jelena Mitrović Simić, Valentina Basarić, Jovana Ivančević, Nemanja Garunović, Vuk Bogdanović

THE INFLUENCE OF IN-VEHICLE TECHNOLOGY ON THE VISUAL ATTENTION

Draženko Glavić, Marina Milenković, Ratko Pavlović

TRANSPORT DEMAND MANAGEMENT THROUGH NEW CONGESTION PRICING - MOBILITY CREDITS

Aleksandar Milinković, Žarko Jevtić

FEASIBILITY ANALYSIS OF INTRODUCTION OF TRAFFIC LIGHTS ON INTERSECTION

Tatjana Savković, Milica Miličić, Pavle Pitka, Ivana Milenković

STATIC AND DYNAMIC ECO-DRIVING

Osman Lindov, Adnan Alikadić, Adnan Omerhodžić

THE INTEGRATION OF INDIVIDUAL SUBSYSTEMS IN THE SYSTEM OF MANAGEMENT OF TRAFFIC IN THE CITY OF SARAJEVO IN THE FUNCTION OF SUSTAINABLE MOBILITY

Osman Lindov, Adnan Tatarević, Samir Džaferović

CENTER FOR TRAFFIC MANAGEMENT IN THE CITY AND SUSTAINABLE MOBILITY - A CASE STUDY OF THE CITY OF SARAJEVO

Lazar Živković

MODELLING AND SIMULATION OF POWERTRAINS OF PLUG-IN HYBRID ELECTRIC VEHICLES (PHEVS)

Aleksandar Mastilović

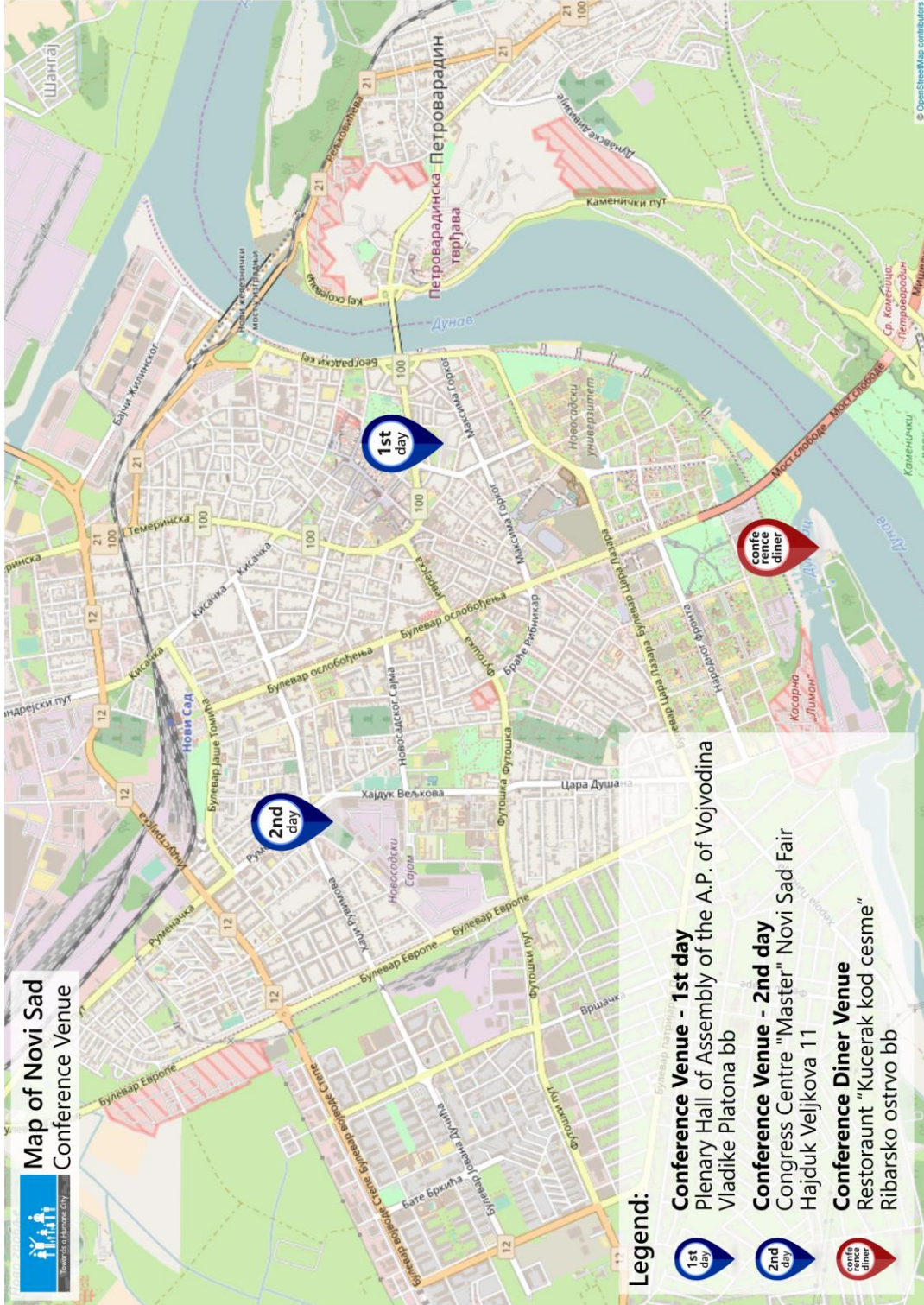
SMART TRANSPORTATION

16:30

Closing session

17:00

Cycling tour



Legend:



Conference Venue - 1st day

Plenary Hall of Assembly of the A.P. of Vojvodina
Vladike Platona bb



Conference Venue - 2nd day

Congress Centre "Master" Novi Sad Fair
Hajduk Veljkova 11



Conference Diner Venue

Restaurant "Kucerak kod cesme"
Ribarsko ostrvo bb

UNDER THE AUSPICE OF:



Government of the Republic of Serbia
Ministry of Education, Science and
Technological Development



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



REPUBLIC OF SERBIA
AUTONOMOUS PROVINCE OF VOJVODINA
PROVINCIAL SECRETARIAT FOR HIGHER EDUCATION
AND SCIENTIFIC RESEARCH



WITH SUPPORT:



CIVITAS City Networks
CIVINET Slovenia-Croatia-
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Council of Danube
Cities and Regions



Danube Region Strategy
– Institutional Capacity



Dedesign for All Foundation



European Concept for
Accessibility



International Association
of Public Transport



Government of the Republic of Serbia
Ministry of Construction,
Transport and Infrastructure



Република Србија
Агенција за безбедност саобраћаја
Road Traffic Safety Agency



The Public City Transport
Enterprise of Novi Sad



PUC "Parking servis"
Novi Sad



Alliance of Vojvodina
Drivers



NSBI - Novi Sad Cycling
Initiative



Kin Flash studio