

UNIVERSITY NORTH, KOPRIVNICA, CROATIA
UNIVERSITY OF RIJEKA, FACULTY OF MARITIME STUDIES, RIJEKA, CROATIA



SuTra 2024

International Conference
on Sustainable Transport
26.09. - 28.09.2024.
TERME SVETI MARTIN, CROATIA

CONFERENCE & EVENTS PROGRAMME

Organisers



WEDNESDAY, 25 SEPTEMBER 2024**CONFERENCE RECEPTION DESK**

18:00 - 20:00	Registration of participants
20:00	Welcome Reception

THURSDAY, 26 SEPTEMBER 2024**CONFERENCE LOBBY**

08:30 - 09:30	Registration with Coffee break
----------------------	---------------------------------------

CONGRESS HALL "MURA 1 & 2"

09:45 - 10:30	Opening ceremony
----------------------	-------------------------

*in croatian***Panel session I**

„Suradnja lokalnih vlasti i institucija u poboljšanju sigurnosti prometa i održivog razvoja infrastrukture“
(Cooperation of local authorities and institutions in improving traffic safety and sustainable infrastructure development)

Panelists:

10:30 - 11:30

IVAN CVITKOVIĆ, Odjel logistike i održive mobilnosti, Sveučilište Sjever (Department for logistics and sustainable mobility, University North)

KRUNOSLAV LUKAČIĆ, Predstavnik jedinice lokalne samouprave (Representative of the local self-government)

DANIJEL POSAVEC, Policijska uprava varaždinska, Republika Hrvatska (Varaždin police department, Republic of Croatia)

GORAN PUŽ, predstojnik ureda uprave Hrvatskih cesta d.o.o. (Head of the administration office of Croatian Roads)

Moderator: **ANTE KLEČINA****TERRACE/CONFERENCE LOBBY**

11:30 - 11:45	Coffee break
----------------------	---------------------

CONGRESS HALL "MURA 1 & 2"*in croatian***Panel session II**

„Kako poboljšati ruralnu mobilnost u službi ruralnog turizma“
(How to improve rural mobility in the service of rural tourism)

Panelists:

RUDI GRULA, direktor Turističke zajednice međimurske županije (CEO Međimurje county Tourist Board)

DIJANA KATICA, Hrvatska udruga za turizam i ruralni razvoj "Klub članova Selo" (Croatian Association for Tourism and Rural Development "Selo Members' Club")

ZORAN KLARIĆ, Institut za turizam (Institute for Tourism)

GORAN MALIŠ, direktor turističke zajednice Varaždinske županije (CEO Varaždin county Tourist Board)

Moderator: **ANTE KLEČINA****CONGRESS HALL "MURA 1 & 2"**

12:45 - 13:00	Awarding certificates to sponsors
----------------------	--

RESTAURANT "FALAT"

13:00 - 14:00	Buffet Lunch
----------------------	---------------------

CONGRESS HALL "MURA 1 & 2"**Session I: Sustainable mobility**

Chairs: Ivana Martinčević, University North, Siniša Vilke, University North

Ivana Martinčević, Goran Kozina, Katerina Fotova Čiković: **Green Transition and Sustainable Mobility: Literature Review**

Miljenko Mustapić, Maja Trstenjak, Joso Vrkljan: **The relationship between creative solutions in outdoor marketing and young drivers' distraction**

14:00 - 15:30

Julijan Jurak, Mario Ćosić, Matija Sikirić, Sandro Tokić, Luka Vidan, Mario Klisura: **Enhancing Active Transportation: Supporting Safe and Sustainable Cycling and Walking in Croatian Elementary Schools**

Vesna Sesar, Predrag Brlek, Dinko Primorac: **The connection between sustainable mobility and sustainable tourism: a literature review**

Ivana Tomić, Veljko Pevalek: **Maintaining sustainable mobility by using High occupancy vehicle lane (HOV) - an example of Karlovac-Zagreb highway**

BIKADEMY presentation**TERRACE/CONFERENCE LOBBY**

15:30 - 15:45	Coffee break
----------------------	---------------------

CONGRESS HALL "MURA 1"

Session II: Project posters

Chairs: David Brčić, University of Rijeka, Faculty of Maritime Studies, Neven Grubišić, University of Rijeka, Faculty of Maritime Studies

Mirjana Borucinsky, Sandra Tominac Coslovich, Jana Kegalj: **Digital Education for Maritime Communication**

Goran Vukelić, Goran Vizentin, Ana Perić Hadžić, Alen Jugović, Vlado Frančić: **Prevention, mitigation, management of infectious diseases on cruise ships and passenger ferries**

15:45 - 17:15 Anita Gudelj, Merica Slišković, Zdeslav Jurić: **Remote Sensing in a Function of Sustainable Development of the Maritime Sector**

Ante Klečina, Nikola Biškup, Nives Domjan Kačarević, Ivan Cvitković: **Interreg CE Rail4Regions**

Neven Grubišić, Ana Malovrh, David Brčić: **Fire free MED**

Sanjin Valčić, Mladen Jardas, Antonio Škrobonja, Marko Gulić, Marko Strabić: **GREENPORT Alliances**

Nikola Mandić, Helena Ukić Boljat: **Upgrading and harmonization of Maritime law STCW based curriculum for Maritime students**

CONGRESS HALL "MURA 2"

Session III: Smart and Sustainable Cities

Chairs: Ana Globočnik Žunac, University North, Ivan Cvitković, University North

Ante Klečina, Ljudevit Krpan, Ivan Cvitković, Siniša Vilke: **Improving the public bus network and timetables in Varaždin County in Croatia**

Saša Petar, Mladen Jardas: **Internet of Things in Smart Port Technologies**

15:45 - 17:15 Katarina Stojanović, Ivan Bošnjak, Rejhan Kurtović, Ksenija Orlandić Osmajić, Ivan Cvitković: **Deep Learning Algorithms and Artificial Intelligence as a Method for Predicting Urban Evolution**

Krešimir Buntak, Nikola Biškup, Matija Kovačić: **Analysis of Citizens' Satisfaction with Important Elements of Sustainable Cities: Mobility, Proportion of Green Areas, Air Quality, and Noise Pollution**

Svetlana Bačkalić, Miloš Pljakić, Dragana Jakšić, Dragan Jovanović: **Traffic safety culture of commercial vehicles drivers in Novi Sad**

Excursion

Hop on hop off vineries tour

Hažić Wine house (<https://opg-hazic.com/en/visit-us/>)

Maderkin Breg – Štampar (<https://vinarija-stampar.hr/maderkin-breg/>)

Dinner

Pub Potkova with DJ

FRIDAY, 27 SEPTEMBER 2024

CONFERENCE LOBBY

09:00 - 09:30 Registration with Coffee break

CONGRESS HALL "MURA"

Keynote speakers

09:30 - 11:00

Sergio A. Useche - "Large-scale challenges require large-scale insights: Invigorating evidence-based active and sustainable transport solutions"

Stephanie E. Trpkov - "Value chain redesign as a means of decarbonising the transport sector"

TERRACE/CONFERENCE LOBBY

11:00-11:30 Coffee break

CONGRESS HALL "MURA 1 & 2"

Panel session III:

"Generative AI in Intelligent Transportation Systems"

Panelists:

LJUDEVIT KRPAN, Primorsko Goranska County / Department for logistics and sustainable mobility, University North

11:30 - 12:30

TOMISLAV BRONZIN, CEO Citus

JASMIN ČELIĆ, University of Rijeka, Faculty of Maritime Studies

KATARINA STOJANOVIĆ, Faculty of Economics and Engineering Management in Novi Sad

Moderator: ANTE KLEČINA

CONGRESS HALL "MURA 1 & 2"

in croatian

Book promotion

12:30 - 13:00

Darko Pavlović, Melita Srpak: "Energy Transition - Hydrogen Paradigm [Energetska Tranzicija - Vodikova Paradigma]"

RESTAURANT "FALAT"

13:00 - 14:00 Buffet Lunch

CONGRESS HALL "MURA 1"

Session IV: Maritime and Inland Transportation

Chairs: Jakša Mišković, University of Rijeka, Faculty of Maritime Studies, Goran Vizentin, University of Rijeka, Faculty of Maritime Studies

Ivana Ćosić, Jakša Mišković: **Analyses of maritime accidents using the HFACS method, case study**

Tijan Edvard, Aksentijević Saša, Vrhovski Dražen, Jović Marija: **Navigating the Future of Maritime Mobility with TRANS@H2 project**

14:00 - 15:30 Nino Krvavica, Marta Marija Bilić, Igor Ružić, Goran Lončar: **Coastal flooding risk for major seaports in Croatia**

Tanja Brcko Satler, Peter Vidmar, Marko Perković, Jure Srše, Beno Atelšek: **The Essential Role of Crane Simulators in Port Safety and Efficiency**

Srđan Žuškin, Igor Rudan, Matthew Sumner, Ivan Vilić, David Brčić, Martina Žuškin, Ana Perić Hadžić: **Navigation scenarios designed for COLREG-compliant Decision Support System validation**

Goran Vojković: **Quality Control of Concessionaire Operations in Croatia**

CONGRESS HALL "MURA 2"

Session V: Air, Rail and Road Transport + ITS and Telecommunications

Chairs: Miroslav Drljača, University North, Jasmin Ćelić, University of Rijeka, Faculty of Maritime Studies

Miroslav Drljača, Igor Štimac: **Air Traffic and Transportation in Function of Smooth Development of Supply Chain**

Ante Klečina, Ljudevit Krpan, Ivan Cvitković, Nikola Biškup: **Designing an integrated timetable and an integrated network for railway passenger public transport for the node Varaždin in Croatia using graphic maps**

14:00 - 15:30 Petra Bosilj: **Road safety in Croatia: A Comparative analysis of Croatia's Two National Road Traffic Safety Programs**

Mireia Faus, Predrag Brlek, Francisco Alonso, Mile Čavar, Javier Gené, Vladislav Maraš, Dimitrios Nalmpantis, Mihai Răzvan, Ioanna Spyropoulou, Ana Trpkovic, Sergio A. Useche: **Does early cycling onset help promote sustainable transport engagement? A study in five Balkan countries**

Dragoslav Kucic, Djordje Stanisavljevic, Milos Tucic, Ognjen Culjkovic: **Smart Traffic Sign for Advisory Speed**

Ljudevit Krpan, Robert Maršanić, Ivan Cvitković, Ante Klečina: **Massive Data Sets - an Opportunity for Precise Traffic Analysis**

Tomislav Bronzin, Jasmin Ćelić, Brigita Prole, Arian Stipičić: **Generative AI in Intelligent Transport Systems Use Cases**

CONGRESS HALL "MURA 2"

Session VI: Logistics and Supply Chain + Intermodal and Multimodal Transport

Chairs: Saša Petar, University North, Vesna Sesar, University of Rijeka, Faculty of Maritime Studies

Tomislav Kovačević, Zora Jurić, Marko Zečević: **Logistics aspects of maritime transport in the light of the military rise of the BRICS states**

15:30 - 16:30 Petra Adelajda Zaninović, Gorana Mudronja, Dea Aksentijević: **What influences the profitability of logistics companies in Croatia?**

Saša Petar, Alex Philip: **ESG Rating for Freight Forwarding Industry**

Ante Klečina, Nikola Biškup, Nives Domjan Kačarević, Ivan Cvitković: **Comparative analysis of external costs of rail and road freight transport in five Central European regions**

Avinash Harongbam, Dushmanta Kumar Das, Thingujam Jackson Singh: **Predicting Profit-Loss using an Amalgamated Baseline Long Short-Term Memory Network with Self-aligned Criminal Search for Fulfillment Cost Challenges**

CONGRESS HALL "MURA 1"

Session VII: Poster session

Chairs: David Brčić, University of Rijeka, Faculty of Maritime Studies, Predrag Brlek, University North

Siniša Vilke, Borna Debelić, Davor Mance: **Examples of urban traffic management systems**

Lea Vojković, Vida Vuković, Irina Čučić, Matea Antea Bilobrk: **WECDIS application and future development**

15:45 - 16:30

Jakša Mišković, Toni Mišković, Darijo Mišković: **Possibilities for analysing maritime accidents and incidents based on data collected from navigation systems**

Riegler Wolfgang, Bartuska Ladislav, Winter Matthias: **Measurability of City Logistics – An Indicator based Model for the City of Linz**

Predrag Brlek, Predrag Samolov, Ladislav Bartuska, Zlatko Sovreski: **Sufficiency of electric charging stations in urban areas**

Milja Simeunović, Valentina Mirović, Jelena Mitrović Simić, Dejan Ilić: **Bike-sharing as a measure of cycling strategies in Novi Sad**

Jadranko Tuta, Neven Lukina: **Optimal solution to the location problem by determining the number and locations of source nodes using the Solver tool in the military domain**

17:00

Trip to Čakovec

International awarding ceremony to the Tourist association of Međimurje County with Gala dinner

21:00

Trip to Terme Sveti Martin

Pub potkova - Conference Award Ceremony

SATURDAY, 28 SEPTEMBER 2204

CONGRESS HALL "MURA"

Panel session IV:

"Opportunities for cooperation between academic institutions through the Civitas Educational Network"

Panelists:

DANIQUE GOMMERS, Breda University of Applied Sciences, Netherlands

09:30 - 10:30

VALENTINA MIROVIĆ, Faculty of Technical Sciences, University of Novi Sad, Serbia

ZLATKO SOVRESKI, Faculty of Technical Sciences, University "St. Kliment Ohridski", Bitola, North Macedonia

PREDRAG BRLEK, Department for logistics and sustainable mobility, University North

Moderator: **ANTE KLEČINA**

TERRACE/CONFERENCE LOBBY

10:30 - 10:45

Coffee break

CONGRESS HALL "MURA 2"

Session VIII: Student session

Chairs: Maja Križanec Cvitković, PhD student, University North, Dea Aksentijević, PhD student, University of Rijeka, Faculty of Maritime Studies

Ivan Grgačić, Dora Kolaric, Matej Stoprd, Dunja Horvat: **Circular logistics as part of the supply chain**

10:45 - 12:00

Maja Križanec Cvitković, Ana Globočnik Žunac, Marko Antić: **The effectiveness of social networks in the implementation of the National road safety plan: Analysis of educational and promotional activities in the first phase (2021.-2023.)**

Lucija Ptiček, Matija Orešković, Predrag Brlek, Ivan Cvitković: **Increasing the safety of school children through active forms of transportation: analysis of road infrastructure and influencing factors**

Lucija Novoselec, Patricija Kotolenko, Paula Čaklec: **Is city management smart management?**

Ivan Cvitković, Nives Domjan Kačarević, Sara Kučič: **The key role of electromobility in the future of sustainable transport**

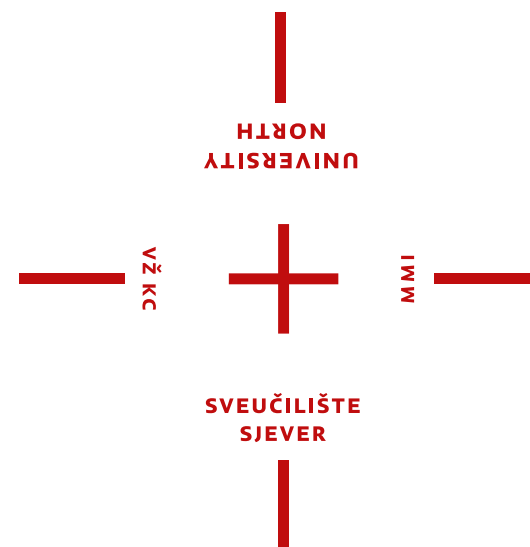
Damjan Županić, Ljudevit Krpan, Ivan Cvitković, Marija Jagić Gombar: **Efficiency of resolution actions measures of crash spots on Varaždin county roads using EU funds**

CONGRESS HALL "MURA"

12:00 - 13:00

Coffee break and Closing Ceremony

SPONZORS



PROJECTS



Italy - Croatia



SuTra
2024

**International Conference
on Sustainable Transport**
26.09. - 28.09.2024.
TERME SVETI MARTIN, CROATIA