

ICTS 2022

23rd of May 2022		
9 ⁰⁰ - 10 ³⁰ Registration and welcome coffee		
10 ³⁰ - 10 ⁴⁵ Conference opening		
10 ⁵⁰ - 12 ⁰⁰ Round table		
12 ⁰⁰ - 13 ⁰⁰ Plenary session		
13 ⁰⁰ - 14 ³⁰ Lunch break		
14 ³⁰ - 16 ³⁰ Sessions		
1.1	1.2	1.3
17 ⁰⁰ Gathering in front of the venue for a walking tour to Piran		
20 ⁰⁰ Conference dinner at "Veduta" restaurant (Bernardin)		

24th of May 2024		
9 ⁰⁰ - 9 ³⁰ Registration		
9 ³⁰ - 11 ³⁰ Sessions		
2.1	2.2	2.3
11 ³⁰ - 12 ⁰⁰ Coffee break		
12 ⁰⁰ - 14 ⁰⁰ Sessions		
3.1	3.2	3.3
14 ⁰⁰ - 15 ⁰⁰ Lunch break		
15 ⁰⁰ - 16 ³⁰ Sessions		
4.1	4.2	4.3
16 ⁴⁰ - 16 ⁵⁰ Closing Speech		

Mediteranea I
 Mediteranea II
 Adria I

ROUND TABLE: ARE RAILWAYS READY FOR NEW CHALLENGES?

Moderator

- Prof. Marko Pavliha, Ph.D.

Ministry of infrastructure

- Monika Pintar Mesarič, Inland Transport Directorate - general director
- Vlasta Kampos Jerenec, M.Sc., Inland Transport Directorate - secretary
- Martina Gračner, M.Sc., Directorate of Energy, Sector for Efficient Use and Renewable Energy Sources - secretary
- Nika Rovšek, Directorate of Aviation and Maritime transport - undersecretary

Slovene Railways

- Franc Klobučar, Assistant Director of Slovene Railways-Infrastructure

Seesari

- Peter Verlič, Ph.D., Chairman of Seesari, Institute of Traffic and Transport

Metrans Adria

- Goran Softić, Managing director

PLENARY SESSION - INVITED PAPERS

Michela Le Pira, Martina Fazio, Nadia Giuffrida, Elena Cocuzza, Matteo Ignaccolo, Giuseppe Inturri
CENTRALITY ANALYSIS OF (ITALIAN) PORTS USING AUTOMATIC IDENTIFICATION SYSTEMS

Snežana Tadić
WOMEN LOGISTICIANS ON THE MAGIC MOUNTAIN PATH - THROUGH DIFFICULTIES TO SUBLIMITY (AD AUGŪSTA PER ANGŪSTA)

1.1 MARINE ENVIRONMENT ISSUES - Blue4Seas project - Marko Perkovič, Ph.D.

48 Pinar Ozdemir, Taner Albayrak, Alaettin Sevim
EMERGING TOPICS IN MARITIME TRANSPORTATION CONCERNING HUMAN ELEMENT

50 Zorica Đurović, Christelle Nicolas, Violeta Jurkovič
KEY WORDS AND PHRASES IN TECHNICAL MANUALS ON OIL SPILLS

56 Aleksander Grm, Marko Perkovič, Dinu Atodiresei, Andrei Pocora - invited session paper
ON THE SIMPLIFIED MATHEMATICAL MODELS FOR OIL SPILL SIMULATIONS

62 Valter Suban, Rita Avram, Taner Albayrak, Vilma Locaitiene, Radu Spataru
PORT RECEPTIONS FACILITIES FOR SLUDGE OIL - PRACTICE AROUND THE EUROPE

72 Jure Srše, Marko Perkovič, Aleksander Grm, Andrej Androjna, Tanja Brcko Satler
SEDIMENT RESUSPENSION EVALUATION ON TWO MANOEUVRES AND TWO DIFFERENT PILOTS

42 Nenad Leder
SURFACE WAVES AND SAFETY OF NAVIGATION ON THE ADRIATIC SEA

2* Joško Dvornik, Srđan Dvornik
RESULTS OF THE ANALYSIS OF THE EFFECTS OF LOW-SULPHUR FUEL OIL ON THE OPERATION OF THE MARINE TWO-STROKE SLOW-SPEED DIESEL ENGINE

1.2 URBAN TRANSPORT AND TRAFFIC SAFETY - Boris Antić, Ph.D.

1 Mehdi Moeinaddini, Zohreh Asadi-Shekari, Attila Aba, Domokos Esztergár-Kiss
CONCEPTUAL FRAMEWORK FOR MAAS SCHEME INDICATORS

45 Branko Milovanović, Sreten Jevremović, Predrag Živanović, Ana Trpković, Slaven Tica, Andrea Nađ, Stanko Bajčetić
USERS PERCEPTION ON MICROMOBILITY VEHICLES AND INFRASTRUCTURE IN THE REPUBLIC OF SERBIA

94 Katarina Kukic, Aleksandar Jovanovic
THE ECOLOGY-BASED OPTIMIZATION OF TRAFFIC SIGNAL TIMING ON A DIVERGING DIAMOND INTERCHANGE

61 Aleksandar Trifunović, Dalibor Pešić, Maja Petrović, Svetlana Čičević
HOW CHILDREN EXPERIENCE THE SPEED OF A VEHICLE?

68 Boris Antic, Filip Živković, Jelica Davidović, Dalibor Pešić
URBAN ROAD SAFETY - LITERATURE REVIEW

84* Amisha Kumari, Ankit Soni, Sujeet Kumar, Prateek Agarwal, Indrajit Ghosh
COMPARATIVE ANALYSIS OF ROAD TRAFFIC CRASH SCENARIOS IN INDIA AND IN THE WORLD

1.3 MARITIME SAFETY - Peter Vidmar, Ph.D.

44 Peter Vidmar, Marko Perkovič
UPDATE ON RISK ASSESSMENT FOR CRUDE OIL TANKER FLEET

47 Maciej Gućma, Junmin Mou
ANALYSIS OF INCIDENTS AND ACCIDENTS OF LNG AND LPG VESSELS

15 Zaloa Sanchez-Varela, Zlatko Boko, Ivica Skoko, David Boullousa-Falces
CAUSALITY ANALYSIS IN DYNAMIC POSITIONING INCIDENTS ACCORDING TO THE NATURE OF THE OPERATIONS IN PROGRESS

35 Danijel Pušić, Zvonimir Lušić
DETERMINATION OF MOORING AREAS FOR NAUTICAL VESSELS

43 Andrej Androjna, Lina Kaldana, Peter Vidmar, Marko Perkovič
BUOY MOORING MANAGEMENT MODEL

95 Ivica Pavić, Andrej Androjna, Blagovest Belev, Jakša Mišković
THE REVIEW OF USE OF THE MAGNETIC COMPASS IN NAVIGATION

4 Kristina Vladislavić, Mirjana Kovačić, Matea Horvat, Ivan Karin
THE IMPORTANCE OF COASTAL RADIO STATIONS AND MARITIME SAFETY INFORMATION IN COASTAL ZONE PROTECTION

54* Alexandru Stefan Bacioiu, Ionela Goi
ON ADJUSTMENT OF STOWAGE PLAN WITH MINIMUM RESOURCES

2.1 PORT DEVELOPMENT - Lucjan Gućma, Ph.D.

17 Igor Vujović, Miro Petković, Ivica Kuzmanić, Joško Šoda
ANN IN COUNTING AND CLASSIFICATION OF VESSELS FOR TRAFFIC RESEARCH

101 Irmina Durlík, Tymteusz Miller, Lucjan Gućma
RESEARCH ON SHIP DELAYS ON THE WATERWAY SWINOUJSCIE - SZCZECIN WATERWAY IN TERMS OF LIMITATIONS RESULTING FROM PORT REGULATIONS

7 Marina Zanne, Rima Mickienė
THREE DECADES OF PORT DEVELOPMENT IN ADRIATIC AND BALTIC REGION: FOCUS ON THE PORT OF KOPER AND THE PORT OF KLAIPEDA

6 Ana Macura, Ante Bubić
ANALYSIS OF MATERIAL MOVEMENTS AT PORTS OF SV. JURAJ AND SV. KAJO CEMENT PLANTS IN PERIOD 2011-2020

25 Lilian Loubet, Arnaud Serry
PORT CITIES DYNAMICS IN NORTH-WESTERN FRANCE: THE CASES OF DUNKIRK, LE HAVRE AND NANTES-SAINT-NAZAIRE

10 Kerbiou Ronan, Olivier Joly
MARITIME SERVICES IN ADRIATIC SEA AND WORLDWIDE STRATEGIES OF CONTAINER SHIPS OPERATORS

29 Aggelos Aggelakakis, Afrodit Anagnostopoulou
SHIPPING AND COVID-19: THE IMPACT WORLDWIDE AND IN GREECE

2.2 MARINE ENGINEERING - Andrzej Grządziela, Ph.D.

75 Špiro Ivošević, Nataša Kovač and Gyöngyi Vastag
THE ANALYSIS OF THE CORROSION PROCESS OF A CU-AL-NI SHAPE MEMORY ALLOY IN MARINE IMMERSION AND COSTAL ENVIRONMENTAL

93 Nenad Vulić, Ivan Komar
DESIGN SPECIFICATION BACKGROUND FOR THE SLIDING BEARINGS INSTRUMENTED TEST RIG

18 Liane Roldo, Nenad Vulić, Ivan Komar
INSTRUMENTED TEST RIG: ANALYSIS OF THE PROCEDURE TO TEST RADIAL BEARINGS AND RELATED COMPONENTS

98 Igor Pavlovic, Liane Roldo, Đorđe Dobrota
SELECTION OF PROPER THEORETICAL NUMERICAL MODEL TO DESCRIBE THE BEHAVIOR IN LUBRICANT LAYER OF RADIAL PLAIN BEARINGS

80 Andrzej Grządziela, Marcin Kluczyk
METHODOLOGY OF OFF-LINE VIBRATION DIAGNOSTIC TESTING OF MARINE PROPULSION SYSTEMS

71 Radosław Kiciński, Andrzej Grządziela, Bogdan Szturomski
ANALYSIS OF THE DEFORMATION OF A PRESSURE-LOADED POLYAMIDE FOIL

2.3 TRANSPORT/LOGISTICS PERFORMANCE - Norina Szander, Ph.D.

Nexhat Kapidani
ePIcenter H2020 PROJECT - project presentation

86 Snežana Tadić, Mladen Krstić, Miloš Veljović, Slobodan Zečević
LOCATING VAL SERVICES IN THE LOGISTICS NETWORK

88 Milovan Kovač, Snežana Tadić, Mladen Krstić, Slobodan Zečević
THE ROLE OF LOGISTICS SYSTEMS IN REGIONAL AND LOCAL SUSTAINABLE DEVELOPMENT

58 Marko Golnar, Bojan Beškovnik
INTERMODAL TRANSPORT INDICATORS FOR SELECTION OF TRANSPORT CARRIERS

63 Norina Szander, Tamás Jenei, Zsolt Lévai, András Munkácsy
INVESTIGATION OF THE MODAL SHIFT OF ROAD FREIGHT TRANSPORT TO RAIL AND WATERWAYS

12 Anita Abodi, Danijela Pjevčević, Vladislav Maraš, Aleksandar Radonjić
ANALYSIS OF EFFICIENCY OF FREIGHT TRANSPORT ON INLAND WATERWAYS

66 György Ágoston, Bálint Csonka, Ferenc Pongrácz
TRANSPORT DEMAND MODEL ON THE EFFECTS OF ESTABLISHING VERTICAL FARMS IN URBAN AREAS

3.1 SAFE NAVIGATION - Rino Bošnjak, Ph.D.

Nexhat Kapidani
EFFECTOR H2020 PROJECT - project presentation
27 Mislav Maljković, Srđan Vukša, Pero Vidan, Toni Meštrović
SITUATIONAL AWARENESS FROM THE MASTER POINT OF VIEW
13 Vladimir Brozović, Rino Bošnjak, Danko Kezić, Filip Brozović
STORAGE OF THE SHIP MANEUVERING CAPABILITIES INTO THE POSTGRES DATABASE
14 Vladimir Brozović, Danko Kezić, Rino Bošnjak, Igor Vujović
REAL TIME PREDICTION OF THE SHIP POSITION WITH THE POSTGIS FUNCTION ST_PROJECT
83 Tanja Brcko Satler, Peter Vidmar, Jure Srše
WATERWAY SIGNS AND MARKING ON THE RIVER DRAVA
5 Josip Dorigatti, Tina Perić, Gorana Jelić Mrčelić
CRUISE SHIPS ROUTING IN THE SOUTHERN PART OF THE EAST ADRIATIC COAST

3.2 SUSTAINABLE MARITIME TRANSPORT TECHNOLOGIES - Paweł Piskur, Ph.D.

3 Roko Glavinović, Luka Vukić, Ivan Peronja
OVERVIEW OF THE TRENDS IN ELECTRIC PROPULSION ON RO-PAX FERRIES IN EUROPE
33 Ivica Ančić, Lidija Runko Luttenberger
ENERGY EFFICIENCY AND CLIMATE CHANGE MITIGATION FOR FISHING VESSELS
79 Marija Koričan, Nikola Vladimir, Ivana Jovanović, Maja Perčić
DECARBONIZATION OF FISHING OPERATIONS IN PURSE SEINE FISHERIES
19 Zlatko Boko, Zaloa Sanchez-Varela, Ivica Skoko, David Boullousa-Falces
GENERAL CLASSIFICATION OF ANCHOR HANDLING TUG SUPPLY VESSELS BY GROSS TONNAGE AND BOLLARD PULL
92 Tomasz Praczyk
SWARM OF AUTONOMOUS UNDERWATER VEHICLES - PRELIMINARIES
102 Paweł Piskur
PARTICLE IMAGE VELOCIMETRY (PIV) METHOD FOR BIOMIMETIC PROPULSION SYSTEM ANALYSIS IN AUTONOMOUS UNDERWATER VEHICLE
40* Niko Gugić, Gojmir Radica, Branko Lalić, Nikola Račić
ALTERNATIVE TECHNOLOGIES OF SHIPS PROPULSION

3.3 EDUCATION AND EMPLOYMENT OF SEAFARERS - Tatijana Dlač, Ph.D.

76 Tatijana Dlač, Milena Dževerdanović Pejović, Jelena Nikčević, Vera Kapetanović
THE IMPORTANCE OF MARITIME EDUCATION AND TRAINING QUALITY CONTROL: THE CASE OF MONTENEGRO
46 Rosanda Mulić, Karlo Kos, Andrea Russo, Iris Jerončić Tomić
DO SEAFARERS NEED TRAINING IN MEDICAL FIRST AID AND MEDICINE FOR SEAFARERS?
52 Marko Zubčić, Nedićjko Kaštelan, Maja Krčum, Tomislav Peša
LABORATORY POWER CONVERTER - ANALYSIS AND MODELLING FOR STUDENT TRAINING
39 Ladislav Stazić, Igor Pavlović, Tatjana Stanivuk, Karlo Bratic
REPLACEMENT OF 2D SIMULATOR TRAINING WITH SHORTER 3D SIMULATOR TRAINING
57 Ranka Petrinović, Nikola Mandić, Trpimir Perkušić, Tony Vuković
EFFICIENCY OF MONITORING WORKING CONDITIONS OF SEAFARERS ON FOREIGN SHIPS IN THE PORTS OF THE REPUBLIC OF CROATIA
28 Toni Mestrovic, Danko Kezic, Mislav Maljkovic, Marina Lausic
PETRI NET MODEL OF AHTS/PSV SUPPLY VESSEL AND CREW BOAT USABILITY IN NORTH ADRIATIC ON GAS FIELD IVANA

4.1 AIR TRANSPORT - Sanja Steiner, Ph.D.

32 Dajana Bartulović, Sanja Steiner
CAUSE-EFFECT RELATIONS BETWEEN ORGANIZATIONAL AND SAFETY PERFORMANCE INDICATORS
38 Zvonimir Rezo, Sanja Steiner, Tomislav Mihetec, Andrea Tikvića
MONITORING OF PERFORMANCE SPILL-OVER EFFECT WITHIN AIR TRAFFIC MANAGEMENT SYSTEM IN EUROPE
100 Muharem Sabic, Edvin Simic
AIRCRAFT SELECTION FOR AERIAL FIREFIGHTING OPERATIONS
8* Olja Čokorilo, Jelena Golubović, Srdjan Čokorilo
ROOT CAUSE ANALYSIS USING ISHIKAWA DIAGRAM FOR REDUCING LOSS OF CONTROL IN FLIGHT (LOC-I)

4.2 PUBLIC TRANSPORT - Marjan Lep, Ph.D.

65 Danijel Hojski, Marjan Lep
EFFECTS OF THE INTRODUCTION OF FREE IJPP TICKETS IN THE REPUBLIC OF SLOVENIA; EXAMPLE OF INTRODUCING FREE TICKETS FOR THE TARGET GROUP
51 Marjan Lep, Marko Hočevar, Uroš Škufca, Dušan Zalar, Marjan Kotar
CONCESSIONS OF BUS PUBLIC TRANSPORT; CHALLENGES AND IMPLEMENTATION OF THE TENDER IN THE CASE OF SLOVENIA
74 Maja Skuric, Vladislav Maras, Tatjana Davidovic, Aleksandar Radonjic
THE ANALYSIS OF FERRY PASSENGER TRANSPORTATION DEMANDS
90 Nataša Tomić-Petrović
PENAL PROVISIONS IN THE NAVIGATION LAW OF THE REPUBLIC OF SERBIA
89 Tomasz Figlus, Piotr Szafranec, Tomáš Skrúcaný, Jaroslav Mašek, Juraj Čamaj
ANALYSIS OF THE SOUND LEVEL REACHING THE MOTORCYCLIST'S AUDITORY SYSTEM

4.3 SHIP POWER PLANTS AND ELECTRIFICATION SYSTEMS - Maja Krčum, Ph.D.

78 Ivana Jovanovic, Nikola Vladimir, Maja Perčić, Marija Koričan
AN OVERVIEW OF RISK ASSESSMENT METHODS FOR MARINE POWER SYSTEMS
91 Tomislav Peša, Maja Krčum, Ivan Karin, Bruna Bacalja
OPTIMIZING THE OPERATION OF THE SHIP'S POWER PLANT USING RENEWABLE ENERGY SOURCES
99 Maja Krčum, Nedićjko Kaštelan, Marko Zubčić, Tomislav Peša
ENERGY EFFICIENCY - CONTRIBUTION BY OPTIMIZING THE LAYOUT OF THE SHIP'S SWITCHBOARD
41* Kristijan Vidović, Gojmir Radica, Zdeslav Jurić, Nikola Račić
REMOTE MONITORING AND ANALYSIS OF OPERATING PARAMETERS OF THE MARINE ENERGY SYSTEM
55* Gintvile Simkoniene, Stasys Donela
AN OVERVIEW AND ANALYSIS OF THE VESSEL ELECTRICAL NETWORK RELIABILITY AND STABILITY

Remarks:

* - video presentation will be available password protected on conference site

NOTES

SPONSORS

