IMSC 2023 - International Maritime Science Conference

	MONDAY, May 8th 2023						
08:15-09:00	Registration / Welcome drink						
09:00-10:15	OPENING (ROOM A)						
10:15-11:00			Coffee break / P	OSTER SESSSION			
11:00-13:00	ROO Transportation and Modes of T Syst	ransport & Inteligent Transport	ROOM B Marine engineering & Marine defense		ROOM C Navigation & Safety and security		
(15min per ppt)	Chair: Mihaela Bukljaš & Tatjana Dlabač		Chair: Špiro Ivošević & Ante Čalić		Chair: Tanja Brcko & Rino Bošnjak		
	Violeta Roso, Ceren Altuntas-Vural, Simon Hagelin, Albin Knutsson, Sara Rogerson and Vendela Santén	Empty Container Repositioning in Port of Gothenburg Hinterland	David Boullosa-Falces, Zaloa Sanchez- Varela, Egoitz Urtaran Lavín, David Sanz Sanchez, Sergio García and Miguel Angel Gomez-Solaetxe	Predictive Diagnostics Applied to Naval Equipment	Bikram Singh Bhatia, Maria Carrera and Raphael Baumler	Adjustment of Records: A Global Cross-Sectional Survey on the Implementation of Work and Rest Regulations at Sea	
	Xavier Martínez de Osés and Marilyn López Millán	The Reconversion of Port Spaces in the Cities and Surroundings of the Ports in Panama. Statistical Study of Traffic and its Impact, Proposal for Improvement	Paulo Juric, Gojmir Radica, Nikola Racic and Zdeslav Juric	Fuel Exergy Based on the Chemical Equilibrium of Combustion Gases	Sunil Kumar Panda and Sanjeet Kanungo	Maritime Accident, Incident Analysis Methods A Systematic Literature Review	
ONLINE	Iryna Savelieva, Inna Lapkina, Mykola Malaksiano and Yevgen Savchenko	Decision Support System Software Development for the Maritime Transport Infrastructure Optimization	Igor Pavlović, Karlo Bratić, Nenad Vulić and Liane Roldo	Principles of Torque Measurement in the PFST Instrumented Sliding Bearings Test Rig	Raphael Baumler and María Carrera	Safety Learning Culture in Shipping Takes Two: Data Quality and Trust	
	Matej Kutle, Jure Bočina, Filip Rogošić and Luka Vukić	The Lika Railway as a Constraint Factor of Maritime Freight Transport in Dalmatian Ports	Liane Roldo and Dario Medić	Using Drones to Monitor Illegal Dumping Sites: A Contribution to Marine Engineers Education	Luka Mihanović, Renato Žarković, Ivona Balić Dorić and Ante Sršen	Ability of Coast Guard to Respond to Marine Pollution Incidents in the Exclusive Economic Zone Due to Increased Maritime Traffic	
ONLINE	Zdravko Paladin, Nexhat Kapidani and Žarko Lukšić	Advanced UAVs Applications in Maritime Search and Rescue and Environment Protection Missions	Goran Rilje, Marko Katalinić, Nikola Račić and Đorđe Dobrota	Energy Efficiency Analysis of Variable Frequency Driven Centrifugal Pump in Merchant Vessel Cooling System	Ivan Karin, Ivana Golub Medvešek, Petar Matić and Stipe Jurčević	Raising the Level of Navigation Safety Using the AIS System	
	Josko Dvornik and Srđan Dvornik	Advanced Construction and Technology Solutions for Heavy-Lift Vessels	Ante Gelo, Hrvoje Karna and Tomislav Kovačević	Developing Cyber Resilience in Naval Domain	Ivan Mišlov, Mate Barić, Vinko Pavić and Luka Grbić	Neglection of Sailboat Day Shape – Theory and Practice	
ONLINE	Dmitry Gladkov	IMMERSEAV - A Personalized Experimental Competency And Cognitive Profiling Of Shipping Professionals	Marina Aljinović, Željko Jakus and Ana Karaman	Optimization of the Application of Autonomous Underwater Vehicles in Underwater Protection	Marijan Zujić, Ivica Skoko, Zlatko Boko and Toma Kuzmić	Anchoring Semisubmersible Platforms	
	Ana Macura, Ante Bubić and Roko Glavinović		Darija Jurko, Luka Mihanović, Milan Blažević and Dario Javorčić	Combat System on the Croatian Navy Fast Attack Craft "Kralj Petar Krešimir IV"	Ivica Skoko, Marijan Zuić and Zlatko Boko	Analysis of Operational Time and Costs of Offshore Vessels and Correlation with the Crude Oil Price	
13:00-14:00			LUN	ICH			
14:00-16:00	ROOM A Education in transport & Human resources in transport		ROOM B Up-To-Date Technologies & Marine infromation system & Hydrography & Marine Automation and Electronics		ROOM C Marine Environment and Ecology		
(15min per ppt)	Chair: Xavier Martínez de Osés & Roko Glavinović		Chair: Ivan Pavić & Nediljko Kaštelan		Chair: Gorana Jelić Mrčelić & Tina Perić		
	Zaloa Sanchez-Varela, Marina Laušić, Tony Pinčetić and Ivan Pavić	Application of Interpolation in Different Branches of Navigation and Cargo Handling	lvica Kuzmanić, Igor Vujović, Miro Petković and Zlatan Kulenović	Computer Vision for Autonomous Vehicles	Valter Suban, Marko Perkovič, Jure Demšar, Fabrizio Gianni and Urban Pegan	Geomorphological Factors to be Considered in the Case of an Oil Spill in Northern Adriatic	
	Anita Gudelj	Enhancing Students' Engagement in Learning Mathematics using GeoGebra in Maritime Education	Dimitar Dimitrov	The Cyber Threat Landscape in the Maritime Sector	Özgül Taşpınar, Onur Y. Özcan, Volkan Uslan and Ali Kılınç	A Comparative Evaluation of Cleanup Methods for the Mucilage Outbreak in the Sea of Marmara	
ONLINE	Matthew Rooks	Investigating Actual Use of SMCPs in VHF Communications: Assessment and Implications for MET	Nenad Leder and Tea Duplančić Leder	Application of Satellite Derived Bathymetry in Hydrographic Activity of the Republic of Croatia	Lucjan Gucma, Bartosz Muczyński, Mateusz Bilewski, Maciej Gucma and Marco Nisi	Mixed Reality and Autonomous Technology in Port Environmental Monitoring Based on PASSport project	
	Andrea Russo, Slavka Kraljević, Roko Glavinović, Katarina Matić, Srđan Gjurković and Rosanda Mulić	Prejudice Against Seafarers' Wives	Gojmir Radica, Tomislav Mrakovčić, Tino Vidović, Tino Sumić, Nikola Račić, Maro Jelic, Branko Lalić, Vladimir Pelić and Karlo Bratić	Maritime Alternative Fuels and Technologies for Sustainable Future	Lidija Runko Luttenberger, Axel Luttenberger, Ivana Kosovac and Ivica Ančić	Preserving Natural Resources of the Croatian Adriatic Sea Through Maritime Spatial Planning	
	Kristina Radnjić and Milena Dževerdanović Pejović	Genre Features of a Seaman Resume	Busra Osma, Ebubekir Akarsu, Kaan Bilge, Şebnem Helvacıoğlu and İsmail Hakkı Helvacıoğlu	Strength and Performance of a Composite Gilson Mast for Steel Deck Fishing Vessels	Luka Vukić, Lada Jurišić Vukorepa, Jerko Grenc and Jakša Grenc	Using a Bubble Barrier System to Tackle Marine Litter in the Port of Split	
ONLINE	Jasem Albanai	Open-source-based Approach to Delineate the Shoreline from Space: A Case Study in Failaka Island, the State of Kuwait	Marko Zubčić, Nediljko Kaštelan, Miro Petković and Maja Krčum	Estimation of CO2 Reduction Due to Flettner Technology Based on Online Calculator for Panamax and Capesize Bulk Carriers	Murat Koray	Prioritizing Shipyard Conversion Requirements Regarding Green Ship and Green Shipyard Concept	
	Vera Kapetanovic, Maja Krcum, Igor Petrovic, Igor Stanovcic and Tatijana Dlabac	Standardization in Maritime Education and Training-The Case Study of the Faculty of Maritime Studies Kotor	Mariah Kurtinaitis Joukes, Roland Ortt and Mark de Bruijne	Autonomous Shipping: Current Status and Main Barriers to Large- scale Diffusion	Zlatko Boko, Zaloa Sanchez-Varela, Ivica Skoko and Merica Slišković	Comparative Analysis and Trends of Environmental Incidents in Gulf of Mexico Offshore Oil Fields	
ONLINE	Mihir Chandra and R S P Singh	Change in Perception About Stress Causing Factors of Maritime Students on Becoming a Seafarer	Ergun Demirel	Career Development for Seafaring Officers to Meet the Requirements of the Maritime Industry	Josip Dorigatti, Tina Perić, Mihaela Bukljaš and Gorana Jelić Mrčelić	Particularly Sensitive Sea Areas and the Eastern Adriatic Sea	
19:30	DINNED Postouront Adriatic (or Carks) Sustinguisting 2 Sulfa						
19.30	DINNER - Restaurant Adriatic (ex. Grašo) - Sustipanski put 2, Split						

	TUESDAY, May 9th 2023						
09:30-10:15	Welcome coffee / POSTER SESSSION						
10:15-11:15	ROOM A - PANEL DISCUSSION			ROOM C - Maritime law & M	ROOM C - Maritime law & Management of Marine Systems		
	Chair: Luka Vukić			Chair: Axel Luttenbe	Chair: Axel Luttenberger & Jelena Nikčević		
	Competitiveness and Perspectives of the Transport Network in the Port of Split with a Focus on Cargo Terminals	Filip Rogošić (Luka Split) Jakša Grenc	10th MSC 202	Božena Bulum, Marija Pijaca and Željka Primorac	Public Service Compensation and Prolongation of Public Service Contracts in the Maritime Transport Sector under European Union Law in		
		(Žitni terminal)	May 8th & 9th 2023 - Solin, Croatia		the Case of COVID-19		
			may c a y 2025 Solin, croalia	Adriana Vincenca Padovan	The Salient Features of the Inchmaree Marine Insurance Clauses		
		(CEMEX Croatia) Milan Brkić (Rail Cargo Carrier Croatia)	University of Split, Faculty of Maritime Stu Split, Croatia	dies Zeki Yasar	Research on the Basis of Maritime Labour Convention of Defects in Seafarer Changeover by the Effect of the COVID-19 Pandemic		
		Darko Barišić (HŽ Infrastruktura) Vice Mihanović (Port Authority Split)		Mira Pavlinović, Maja Račić and Antonija Mišura	The Importance of Digitalization for Sustainable Development of Maritime Industry		
11:15-11:30	CLOSING (ROOM A)						

POSTER SESSION				
AUTHORS	POSTER TITLE			
Nermin Hasanspahić, Srđan Vujičić and Alan Slišković	Sustainability in Maritime Container Transport Technology			
Špiro Ivošević and Nataša Kovač	The Analyses of the Failures of Hull Structure Plating Caused by Corrosion			
Marina Brodarić Ivačić, Luka Vukić, Mira Pavlinović and Ivan Peronja	Training of Employees in a Maritime Company Brodospas			
Josipa Bukarica, Vice Mihanović and Mihaela Bukljaš	Port Infrastructure Construction Projects for Sustainable Intermodal Passenger Transport in the Port of Split			
Jeffrey Taub	United States Marine Highway Program			
Marina Brodarć Ivačić, Maja Krčum and Anita Gudelj	Management of Business Processes in a Maritime Company			
Ivona Anić Miklec, Nikola Mandić and Ranka Petrinović	Implementation of European Union Law in the New Act on Liner Shipping and Seasonal Coastal Maritime Transport			
Ilija Knežević, Ivana Čavor, Vesna Popović-Bugarin and Tatijana Dlabač	Using Machine Learning Techniques for Predicting Electrical Data of PV Panels from RGB Images			
Mislav Maljković, Toni Mestrovic, Srdjan Vuksa and Rosanda Mulic	How Important is Training in Marine Firefighting Equipment - SCABA?			
Vesna Skorupan Wolff	The Right of Control in Carriage of Goods by Sea – New Approach of Rotterdam Rules			
Dajana Bartulović, Sanja Steiner, Danijel Bartulović and Pero Vidan	Correlations between Aviation and Maritime Safety Management Systems			
Jelena Nikčević	Prevention of Maritime Pollution in Montenegro through Legal Solutions			
Nemanja Pudar, Lazar Mrdović, Ilija Knežević, Nikola Marvučić, Martin Ćalasan and Tatijana Dlabač	Application of Capacitor Banks in the Ship's Power System			
Marija Magdalena Zrilić, Ivica Pavić and Jakša Mišković	Analysis of Accidents of non-SOLAS Vessels on the East Coast of the Adriatic Sea			
Tanja Brcko, Jakša Mišković, Andrej Androjna and Ivica Pavić	Comparison of the Different Compass Types Used in Navigation			
Hrvoje Mihovilović	Use of Automatic Speech Recognition to Increase the Safety of Marine Navigation			
Senka Šekularac-Ivošević, Dragana Milošević, Nikola Banović, Zoran Kovačević and Tanja Poletan-Jugović	Yachting Industry in Montenegro: A Panel Discussion on Management, Marketing and Sustainable Development			