

PROGRAM

23.09.2021.

8:30 - 9:00	REGISTRATION	Hall	
09:00 - 09:15	CONFERENCE OPENING	ROOM 207	
09:15 - 9:45	PLENARY SESSION		
	Invited speaker M. Jardas, PhD <i>Sustainable city logistics</i>		
9:45 - 10:15	WATER BREAK		
10:15 - 12:00	SESSION A	ROOM 207	SESSION B
	Chair: Andrea Tadić		Chair: David Liović
	Marko Strabić, David Brčić, Vlado Frančić, Ivo Šantić <i>The Benefits of Establishment of the Sea Traffic Management (STM) System in the Adriatic Sea</i>		Ivica Kožar, Marina Plovanić, Tea Sulovsky <i>Derivation Matrices in Mechanics – Data Approach</i>
	Marko Đorđević <i>The risk assessment of response to accidental marine pollution from tankers</i>		Martin Zlatić, Marko Čanađija <i>Implementing neural networks for FE post-processing</i>
	Josip Dujmović, Dean Bernečić <i>Inaccuracies on calculating heavy fuel oil consumption onboard vessels</i>		Ivan Sulovsky, Jasna Prpić-Oršić <i>Mathematical model of ship speed drop on irregular waves</i>
	Mihael Dedo <i>Supervision and protection of the part of the Adriatic sea under the jurisdiction of the Republic of Croatia</i>		Valentina Košmerl, Marko Čanađija <i>Deep learning-generated rod finite elements</i>
	Ivan Cvitković, Ljudevit Krpan, Predrag Brlek <i>The effect of control measures on mobility and traffic safety during COVID-19 pandemic</i>		Teo Manojlović, Tadej Tomanič, Matija Milanič, Ivan Štajduhar <i>Estimating skin parameters from hyperspectral hand images using machine learning</i>
	Nina Kostović <i>The selection procedure of a ship for a inspection</i>		Magdy Ismail, Gordan Jelenić <i>Compatibility equations in Cosserats' continuum theory in rectangular and cylindrical co-ordinate systems</i>
	Aileen Wallenhorst, Alen Jugović, Dea Aksentijević <i>Theory and Practice of Port Clustering</i>		Erik Otović, Nelida Črnjarić-Žic, Goran Mauša <i>Peptide Activity Prediction Improved by Hellinger Distance</i>
12:00 - 13:00	LUNCH		

13:00 - 14:00	PLENARY SESSION	ROOM 207		
	Invited speaker Donato Perfetto, PhD			
	Guided wave structural health monitoring in real composite structures			
	Invited speaker America Califano, PhD			
	Durability of composite structures and organic hygroscopic objects: strategies for the health monitoring in different fields			
14:00 - 15:15	SESSION C	ROOM 207	SESSION D	ROOM 411
	Chair: Tomislav Krljan		Chair: Darko Glujić	
	David Liović, Marina Franulović, Dražan Kozak		Andrzej Stateczny, Cezary Specht, Mariusz Specht, David Brčić, Alen Jugović, Szymon Widźgowski, Marta Wiśniewska, Oktawia Lewicka, Klaudia Czamajło	<i>Keynote lecture</i>
	<i>Influence of selective laser melting process parameters on mechanical properties of Ti6Al4V alloy</i>		<i>Study on the positioning accuracy of GNSS/INS systems supported by DGPS and RTK receivers for hydrographic surveys</i>	
	Goran Vizentin, Goran Vukelić		Andrea Tadić	
	<i>FRP composites property degradation in marine environment</i>		<i>The application of remote sensing for monitoring the morphological changes of Ploče beach in Rijeka</i>	
	Maja Dundović, Kristina Marković, Marina Franulović, Željko Vrcan		Nikola Lopac, Jonatan Lerga, Irena Jurdana	
	<i>Photoelastic Observations of Corner-Filletted Flexure Hinges Produced by Digital Light Processing Additive Technology</i>		<i>On Evolutionary Metaheuristic Optimization Approaches in Data-Driven Signal Processing Techniques</i>	
	Filip Nikolić, Ivan Štajduhar, Marko Čanađija		Adrijana Agatić, Neven Grubišić, Tomislav Krljan, Ana Grbčić	
	<i>Deep Learning for Casting Microstructure Inspection: A Convolutional Neural Network Approach</i>		<i>Activity Based Mobility travel demand model of students population in the City of Rijeka</i>	
	Miroslav Randić, Duško Pavletić		Marija Jović, Edvard Tijan	
	<i>Measuring of the Weld Toe Radius by Non-destructive Techniques</i>		<i>Digitalization and Digital Transformation in Maritime Transport</i>	
15:15 - 15:30	CLOSING OF THE CONFERENCE	ROOM 207		