

CONFERENCE PROGRAMME

8:30 – 9:00	REGISTRATION	FACULTY HALL		
9:00 – 9:15	CONFERENCE OPENING	ROOM 003		
9:15 – 10:00	KEYNOTE SPEAKER ass.prof.D.sc. Leo Škec	ROOM 003		
	<i>Theoretical, numerical and experimental investigation of fracture resistance in adhesive joints</i>			
10:00 – 10:30	COFFEE BREAK	FACULTY HALL		
10:30 – 12:00	SECTION 1A CHAIRMEN: Marin Grbac & Goran Vižentin	ROOM 003	SECTION 1B CHAIRMEN: Ivan Panić & Zoran Šverko	ROOM 004
	Batista, Trp, Lenić <i>Numerical investigation of heat transfer and fluid flow in plain fin-and-tube heat exchanger</i>		Kirinčić, Trp, Lenić <i>Optimization of a small size shell and tube heat exchanger using response surface methodology</i>	
	Bolf, Zamarin <i>Calculation of the longitudinal strength of the ship using the programming language Python 3.7</i>		Selimović, Lerga, Prpić-Oršić <i>Dynamic Ship Positioning Using the Time-Frequency Distributions and Kalman Filtering</i>	
	Zlatic, Bunčić, Budimir, Čanađija <i>Thermoelastic and ultrasonic finite element analysis of an ultrasonic sensor</i>		Gljučić, Franulović, Lanc <i>Multi-parameter optimization tool for the identification of mechanical properties in additively manufactured composites</i>	
	Zaharija, Travaš, Kranjčević <i>A Parallel Implementation of CBS Finite Element Model for 2D Shallow Water Equations</i>		Jakoplić, Franković <i>Short-term photovoltaic power forecasting and optimisation using cloud tracking methods</i>	
	Stipanić, Travaš, Holjević <i>Numerical Modelling of Transport in Inhomogeneous and Anisotropic Porous Media</i>		Franković <i>Hysteretic damping model in timber beams</i>	
12:00 – 13:30	LUNCH	STUDENT RESTAURANT (SCRI)		
13:30 – 15:00	SECTION 2A CHAIRMEN: Tomislav Franković & Davor Bolf	ROOM 003	SECTION 2B CHAIRMEN: Matej Gljučić & Ivan Hlača	ROOM 004
	Krijan, Vilke <i>Application of the microsimulation traffic model in assessing congestion of the container terminal "Brajčica" access road network</i>		Šverko, Jurdana <i>Different Analysis Procedures In EEG Data Signal Processing</i>	
	Puž <i>Climate adaptive architecture</i>		Grbac, Ribarić <i>Shear locking phenomenon in plate finite elements</i>	
	Drobac, Štimac Grandić <i>Comparison of valid European standards for vertical vibration control on footbridges</i>		Lorencin, Anđelić, Španjol, Car <i>Using Convolutional Neural Network in Urinary Bladder Cancer Diagnostics</i>	
	Torbarina, Lenić, Wolf <i>High Efficiency Domestic Hot Water System Powered by Solar Energy</i>		Vižentin, Pastorčić, Vukelić <i>Spalling wear analysis of a stainless steel gear</i>	
	Špoljar, Lenac <i>On methodology for GNSS positioning performance assessment founded on experimental observations</i>		Pranjić, Deluka-Tibljaš <i>Usage of photogrammetry technique for pavement surface macrotexture determination</i>	
15:00 – 15:30	COFFEE BREAK	FACULTY HALL		
15:30 – 16:30	SECTION 3A CHAIRMEN: Jug Drobac & Tomislav Franković	ROOM 003	SECTION 3B CHAIRMEN: Ivana Pranjić & Marin Grbac	ROOM 004
	Hlača <i>Digital image correlation in experimental mechanics</i>		Zelić Čarija <i>Guidelines for the general model training standard for operators maneuvering non-conventional vessels MTSOMN</i>	
	Pinčić, Lenac <i>Automatic dataset extraction from video files</i>		Panić <i>Zero-emission vessel as a part of North Adriatic marine transport</i>	
	Antonić <i>Reactive Power Compensation with PV Inverters for Loss Reduction in Distribution Network</i>		Agatić <i>Analysis of the potential impact of the "One Belt One Road" initiative on seaports business</i>	
	Bernaca, Lenac <i>Automated deployment of blockchain nodes for use in mobile robotics</i>			
16:30 – 17:00	LABORATORY TOUR AND CONFERENCE CLOSURE	FACULTY LABORATORIES/ROOM 003		

The papers presented at the 3rd edition of MY FIRST CONFERENCE, Faculty of Civil Engineering Rijeka, September 12 2019 are available at web page <https://mfc.uniri.hr/>, and USB card attached to materials as [Book of Abstracts](#).