



Vela Luka, Croatia

International Conference
MATRIB 2018
 MATERIALS, TRIBOLOGY, RECYCLING

Date Time	June 26 th TUESDAY	June 27 th WEDNESDAY	June 28 th THURSDAY	June 29 th FRIDAY
8:30	Arrival	Registration	Registration	-
9:00		Opening ceremony	Commercial lecture	Excursion to the island PROIZD Start: in front of Havana Bar, hotel Posejdon, 09:00 h Return: 16:30 h
9:30		Invited lecture 1	Invited lecture 4	
10:00		Invited lecture 2	Invited lecture 5	
10:30		Coffee Break	Coffee Break	
11:00		11:00 h Lectures	11:00 h Lectures	
11:30				
12:00		Lunch break	Lunch break	
12:30				
13:00		14:00 h Student lectures	14:00 h Student lectures	
13:30				
14:00		Coffee Break	Coffee Break	
14:30		16:00 h Poster Session	16:00 h Poster Session	
15:00				
15:30		-	-	-
16:00		-	-	-
16:30		-	-	-
17:00		-	-	-
17:30		-	-	-
18:00	-	-	-	
18:30	-	-	-	
19:00	-	-	-	
19:30	WELCOME PARTY Hotel Posejdon	Opening of the exhibition - Gallery Vela Luka	Gala Dinner – Hotel Posejdon	-
20:00				-



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June 27th

- 8:30 Registration
- 9:00 Opening ceremony
- 9:30 Invited lecture: Tamara Aleksandrov Fabijanić, Matija Sakoman, Mateja Šnajdar Musa, Saša Kovačić, Ivan Kumić, Vedran Šimunović, Marin Kurtela: NANOSTRUCTURED HARDMETALS – NEW CHALLENGES FOR POWDER METALLURGY
- 10:30 Coffee Break
- 11:00 Božo Smoljan, Dario Ilikić, Lovro Štic, Sunčana Smokvina Hanza, Luciano Gržinić, Goran Vratović: NUMERICAL MODELLING OF WELDED JOINTS PROPERTIES
Katarina Mužina, Vilko Mandić, Filip Brleković, Emina Ema Alić, Stanislav Kurajica: ALUMINA COMBUSTION SYNTHESIS
Z. Fried, G. Pintér, S. Szénási, I. Felde: ON THE HYBRID NATURE-INSPIRED ALGORITHMS APPLIED TO CHARACTERIZE THE HEAT TRANSFER COEFFICIENT FUNCTIONS
- 12:30 Lunch break
- 14:00 **Student lectures**
Karlo Vidić, Andro Raič, Zdravko Schauerl: CAUSE OF CRACKING ON NON-EXPLOITED SCREWS
Vladimir Macura, Darko Landek: CORROSION RESISTANCE OF PACVD COATINGS DEPOSITED ON HOT WORK TOOL STEEL
Mateo Carević, Matej Gojanović-Rakić, Ivan Kumić: CORRELATING IN VIVO REACTIONS WITH SBF IN VITRO BIOACTIVITY TESTING
Antonio Petrak, Darko Landek: INCREASING IN WEAR RESISTANCE OF PLAIN BEARING RING BY NITRIDING
Matija Sakoman, Danko Čorić, Božo Renić: EXPERIMENTAL STUDY OF INDENTATION FRACTURE TOUGHNESS IN NANOSTRUCTURED CEMENTED CARBIDES
- 15:30 Coffee Break
- 16:00 Poster Session
- 19:30 Opening of the exhibition - Gallery Vela Luka

June 28th

- 8:30 Registration
- 9:00 Commercial lecture: Christopher Zepp, Philip Sperling - A NEW GENERATION OF X-RAY COMPUTED TOMOGRAPHY DEVICES FOR QUALITY INSURANCE AND METROLOGY INSPECTION IN THE FIELD OF ADDITIVE MANUFACTURING AND OTHER SCIENCES
- 9:30 Invited lecture: Suzana Jakovljević - BAMBOO, BICYCLE FRAME CONSTRUCTION MATERIAL
Invited lecture: Biserka Runje, Amalija Horvatić Novak, Alen Bošnjaković - TO WHAT EXTENT IS IT NECESSARY TO REVISE THE CURRENT GUIDELINES FOR EVALUATING MEASUREMENT UNCERTAINTY
- 10:30 Coffee Break
- 11:00 Josip Bota, Maja Brozović, Dorotea Kovačević, Jurica Dolić: THE EFFECTS OF ECOLOGICAL PROPERTIES ON THE ASSESSMENT OF PAPERBOARD PROPERTIES FOR PACKAGING
Anna Maria Hackenberger Kutuzović, Trpimir Jeronim Ježić, Miroslav Mikota: CENTRIPHONE IMAGING TECHNIQUE OPTIMISATION BY ADITIVE SUPPPORT PRODUCTION
Trpimir Jeronim Ježić, Anna Maria Hackenberger Kutuzović, Miroslav Mikota: PHOTOGRAPHIC PARALLAX EFFECTS IN CONTEMPORARY MULTIMEDIA AND WEB CONTEXT
Antoneta Tomljenović: USAGE DURABILITY OF MALE SOCKS
- 12:30 Lunch break
- 14:00 **Student lectures**
Debora Briševac, Ivan Stojanović: DUPLEX COATING SYSTEM FOR CORROSION PROTECTION
Matija Pisk, Ivan Kumić, Božidar Matijević: BEHAVIOUR OF HARD METALS IN MACHINING UNDER CRYOGENIC CONDITIONS
Tomislav Tudek, Zdravko Schauerl: APPLICATION OF COMPOSITE MATERIALS IN AUTOMOTIVE INDUSTRY
Martina Kesner, Ljerka Juroš, Ivan Kumić: THE EFFECT OF PLASMA POWER IN PLASMA NITRIDING PROCESS
Regina Novak, Tamara Aleksandrov Fabijanić, Matija Sakoman: SURFACE ANALYSIS OF NANOSTRUCTURED HARDMETALS AFTER ELECTOCHEMICAL MEASUREMENTS
- 15:30 Coffee Break
- 16:00 Poster Session
- 19:30 Gala Dinner – Hotel Posejdon