

PROGRAM

DAY 1 – THURSDAY MAY 20	
10.00	ICIR Opening Ceremony
KEYNOTE&INVITED SPEAKER SESSION 1	
10.15	Keynote Speaker – Adam Zieliński <i>The Study Of The Evolution Of The Microstructure, Mechanical And Creep Properties Of Austenitic Stainless Steels After Long-Term Ageing</i>
10.45	Invited Speaker – Abdul Rahman SALISA <i>Construction Of Kuala Terengganu City Work Route Driving Cycle Using K-Means Clustering Method For Energy Consumption And Emissions Analysis</i>
12.00 – 14.00 EUROINVENT OFFICIAL Grand Opening	
KEYNOTE&INVITED SPEAKER SESSION 2	
15.00	Keynote Speaker – Marcelo Henrique Prado da Silva <i>Niobophosphate Glasses For Ballistic Applications</i>
15.30	Invited Speaker – Julia MIRZA-ROSCA <i>Structure And Properties Of Electron Beam Melting Titanium Alloys For Medical Devices</i>
SESSION 1	
16.05	Chiara ABATE - Removal of Hg ²⁺ and CH ₃ Hg ⁺ by a poliphosphonate ligand: a speciation study for application in natural waters
16.20	Aurel Mihail ȚÎȚU - Experimental Research Using the Finite Element Method on the Influence of the Cutting Tool Geometry on Temperature and Stresses in a Specific Cutting Process Presenter
16.35	Ovidiu-Darius JUCAN - Mechanical properties of some WC-Co / PA12 samples made via Indirect Selective Laser Sintering (SLS) and Sinter-HIP
16.50	Adrian Victor LAZARESCU - Improving Indoor Air Quality by Using Sheep Wool Heat Insulation
17.05	Stela GEORGIEVA - Speciation analysis of arsenic in copper electrolyte baths using liquid-liquid extraction and ICP-OES method detection
17.20	Horea Florin CHICINAS - Consolidation and characterization of hard metal powders milled under dichloromethane
17.35	Iulian ANTONIAC - Corrosion behaviour of some biodegradable composites based on magnesium powders obtained by SPS
17.50	Ana Maria ROMAN - Analyze of the corrosion rate of FeMn-Si biodegradable materials
End of Conference Day	

Session 1 Chairmen	Session 2 Chairmen	Poster Session Chairmen
Prof. Marcelo Henrique PRADO DA SILVA	Prof. Lidia BENEĂ	Prof. Catalin POPA
Prof. Iulian ANTONIAC	Prof. Julia MIRZA-ROSCA	Prof. Nicanor CIMPOESU

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DAY 2 – FRIDAY MAY 21	
09.00	Start of second day of the Conference
KEYNOTE&INVITED SPEAKER SESSION 3	
09.05	Keynote Speaker – Ruxandra Vidu <i>Innovative Nanotechnologies Developed For Energy And Water</i>
09.35	Invited Speaker – Dariusz GRZESIAK <i>Effects Of A Reinforcing Phase Share On The Surface Structure Parameters Of The Tic/H13 Mmc Synthesized By The Slm Technology</i>
SESSION 2	
10.05	Edit Roxana MOLDOVAN - <i>Geometry characterization of AISI 430 stainless steel microstructuring using laser</i>
10.20	Suriani Mat JUSOH - <i>Effect of Fibre Contents toward Manufacturing Defects and Interfacial Adhesion of Arenga Pinnata Fibre Reinforced Fibreglass/Kevlar Hybrid Composite in Boat Construction</i>
10.35	Laurentiu DRAGUS - <i>Corrosion Assessment of Nickel - Base - Dental Alloys in Ringer Biological Solution studied by Electrochemical Techniques</i>
10.50	Warid Wazien Ahmad ZAILANI - <i>Eggshell Powder (ESP) as Low-cost Adsorbent for Wastewater Treatment</i>
11.05	Robert CIOCOIU - <i>Performances of RENE 41 as hot-copper extrusion die material</i>
11.20	Petru LISNIC - <i>Fluorine-doped SnO₂ thin films in solar cell applications. Morphological, optical and electrical proprieties</i>
11.35	Andrei BERBECARU - <i>Research on the Degradation Process of Railway Rails Due to Lifespan Exceeding</i>
11.50	Dominika KUSNIERZ-KRUPA - <i>Methods of Conservation the Residential and Public Architecture of the 19th-early 20th Century. Examples of Kiyv and Cracow</i>
12.05	Lidia BENEÀ - <i>The Contribution of Electrochemistry for a Better Understanding of the Degradation by Tribocorrosion of Metallic Implant Materials</i>
12.20	Catalin PANAGHIE - <i>Preliminary results of in vitro tests on new biodegradable metallic material based on ZnMgY</i>
12.35	Duarte Félix MACEDO - <i>Analysis of the Effect of Doped Metal Ions in the Tricalcium Phosphate Bioceramic</i>
12.40	Nicoleta SIMIONESCU (BOGATU) - <i>Current Density and Time Effect Applied During Electro-codeposition Process on Resulted Cobalt Matrix Reinforced with Nano-CeO₂ Particles</i>
12.55	Alexandra CSAPAI - <i>Study on the effect of in situ surface treatments of medical microfluidic systems obtained through Additive Manufacturing</i>
13.10	Veaceslav NEAGA - <i>Corrosion Reactivity in the Pre-clinical Study of 316L and 321 Stainless Steel for Dentistry Applications</i>
13.25	Cristian PANTILIMON - <i>Preliminary Structures Assessment of some TRIP Steels</i>
13.40	Andrii DMYTRENKO - <i>Ways of Performance and Preservation of Monumental Art Works on the Facades of Architectural Monuments of the 19th – Early 20th Century</i>
13.45	Mihail Aurel ȚÎȚU - <i>Experimental study by the influence of the cutting edge radius of the tool in the cutting process simulation using the finite element method</i>
CONFERENCE CLOSURE AND AWARDS CEREMONY	

POSTER SESSION is available at:

<http://www.euroinvent.org/conference/program/poster-session/>