



POSTER SECTION IN-TECH 2016

Luka Lešnik and Ignacijo Biluš	Can smart vehicle acceleration system reduce emission formation in city centers? Numerical study of different acceleration strategies.
Adelino Nabais, Rita Ascenso and João Galvão	Efficiency in greenhouse for intelligent management energy
Ignacijo Biluš and Luka Lešnik	The comparison of numerical models for simulation of water turbine
Nikola Anđelić, Zlatan Car, Sanjin Braut and Roberto Žigulić	Study of influence of geometry, rotational speed and heat generated by wood cutting on vibrations of circular saw blade
Derzija Begic-Hajdarevic, Berina Bradaric, Ahmet Cekic and Muhamed Mehmedovic	Influence of cutting parameters on surface roughness in turning process using Taguchi method
Juan Carlos Rubio-Romero, Carmen Pardo-Ferreira, Antonio López-Arquillos and Fuensanta Galindo-Reyes	New potential risks due the nearly silent electric and hybrid vehicles. Occupational driver's perception
Ahmet Cekic, Goran Obradovic and Djerzija Begic-Hajdarevic	Experimental research of tendon quality sewn with modified kessler and cruciate seam
Dr. Jongtaik Lee and Yun Jeong Choi	NET and 5-forces analysis of health functional food industry in South Korea
Boris Obrovski, Jovan Bajić and Mirjana Vojinović Miloradov	Monitoring of chlorine in swimming pool by fibre optic sensor
Arijana Macura	Concept, definition and structure of the system
Yelim Jung and Yun Jeong Choi	Global and S. Korean Market opportunity analysis of forensic technologies
Nijaz Delalic, Dzana Kadric and Berina Delalic	In-situ method of balancing heat for determination of efficiency of electric motor for drive pump cooling water high power
Vjekoslav Damic and Maida Cohodar	Dynamic analysis of robot manipulators: a component model approach
Juraj Slacka and Ondrej Zavodsky	Onboard computer of first Slovak satellite
Zvonko Kremljak and Marko Hocevar	Synergetic system integration
Czeslaw Janusz Jermak, Michal Jakubowicz, Janusz Derezynski and Mirosław Rucki	Back-pressure uncertainty estimation for the air gauge experimental rig
S Firsova, V Prajová and P Božek	The process of integrated marketing communication
Maria Ratajczak	The process of ageing of bituminous binders used in waterproofing materials - laboratory test methods.
Jakub Svoboda, Jan Kudlacek and Vlastimil Kuklík	Proposal method of chemical pre-treatment on hot-dip galvanization surface for adhesion organic coatings



Marek Kowalik, Tomasz Mazur, Mirosław Rucki and Zbigniew Siemiątkowski	Assessment of the deformed layer depth and the tensions in the burnishing process with strain hardening
Petr Drašnar, Lucie Fialová, Michal Zoubek and Jan Kudlacek	Anticorrosive Properties of Coating Systems Containing Magnesium Particles on an Aluminium Alloy 2024
Michal Zoubek, Jiří Otta, Viktor Kreibich, František Matas and Tomáš Pepelnjak	New Antistatic Water-Soluble Coating Materials
Jiří Kuchař, Viktor Kreibich, Zdeněk Hazdra and Hana Hrdinová	Chemical cleaning of inner surfaces of heating and energy equipment
Jiří Kuchař, Michal Pakosta, P. Tesaříková and J. Miřejovský	Corrosion resistant coating for the printing industry
M. Valeš, F. Tatiček Kreibich, L. Chrástanský and M. Kubelka	Numerical simulation of strain rate in the stamping process
Sebastijan Blazevic, Sanjin Braut, Zlatan Car and Roberto Zigulic	Modification on active magnetic bearings test-rig for implementing different control algorithms
Pero Raos and Josip Stojisic	Effects of melt and mold temperature on mechanical properties of injection moulded part
Juan Carlos Rubio-Romero, Antonio López-Arquillos and Carmen Pardp-Ferreira	Risk management in petrol stations. Perceptions of users, workers, and safety technicians.
Michal Zoubek, Tomáš Moulis, Jan Kudláček and František Herrmann	Potential of anticorrosive protection of coating systems containing magnesium pigments