



INTERNATIONAL CONFERENCE ON INNOVATIVE TECHNOLOGIES

IN-TECH2016

PRAGUE, CZECH REPUBLIC **6. - 8. 9. 2016**



Organized by:
**World Association for
Innovative Technologies**

Proceedings

A COMPARATIVE EXPERIMENTAL STUDY OF THE MACHINABILITY OF UD-CFRP USING RIGHT-HAND-CUT AND LEFT-HAND-CUT END MILLS	221
N. Geier, Gy. Mátyási and T. Szalay	
CONCEPT, DEFINITION AND STRUCTURE OF THE SYSTEM	225
A. Macura	
INVESTIGATION OF THE LIMITS OF RADIUS MEASUREMENTS WITH THE APPLICATION OF COORDINATE MEASUREMENT TECHNOLOGY	229
M. Czampa, J. Cs. Igali and T. Szalay	
GLOBAL AND S. KOREAN MARKET OPPORTUNITY ANALYSIS OF FORENSIC TECHNOLOGIES	233
Y. L. Jung and Y. J. Choi	
FROM ELLIPTIC CURVE TO AUTOMATION?	235
I. Markechová	
ELABORATION OF FRAMEWORK FOR GREEN AND COST EFFICIENT PACKAGE DEVELOPMENT FOR ELECTRONIC INDUSTRY	239
E. Shevtshenko, T. Karaulova, M. Pohlak and K. Mahmood	
MODELLING AND CLOSED-LOOP IDENTIFICATION OF MAGNETIC LEVITATION	243
P. Balko, M. Hypiusová and D. Rosinová	
POWER COST AND PRICING ESTIMATION OF A SUPERCOMPUTER BASED DATA CENTER	247
M. Puskaric, Z. Car and G. Janes	
IN-SITU METHOD OF BALANCING HEAT FOR DETERMINATION OF EFFICIENCY OF ELECTRIC MOTOR FOR DRIVE PUMP COOLING WATER HIGH POWER	251
N. Delalic, D. Kadric and B. Delalic	
TESTING OF IMPROVED GENETIC ALGORITHM IN RAMBERG-OSGOOD MATERIAL MODEL PARAMETERS IDENTIFICATION	255
G. Janeš, Z. Car, M Puskaric and V. Margan	
FLAME AEROSOL SYNTHESIS OF OXIDES AND SALTS	259
N. E. Machin	
COMPARATIVE ANALYSIS AND EVALUATION OF MEASUREMENT CAPABILITIES OF CONTACT AND NON-CONTACT DEVICES	263
M. Sokac, V. Margan, Z. Car and I. Budak	
CONTROL MECHATRONIC SYSTEM OF THE ELECTRONIC DIFFERENTIAL SYSTEM DESIGN FOR SMALL EV	267
V. Ferencey and M. Bugár	
DRIVING SIMULATOR MOTION PLATFORM DESIGN	271
V. Croitorescu and R. Hariton	
MODAL ANALYSIS OF THE MULTILAYER SHELL	275
J. Murín, S. Kugler, J. Hrabovský, D. Búc, V. Goga, M. Držík, V. Kutiš and Š. Rehák	
ONTOLOGICAL MODELLING FOR AVIATION SAFETY DOMAIN	279
J. Ahmad and P. Křemen	
DYNAMIC ANALYSIS OF ROBOT MANIPULATORS: A COMPONENT MODEL APPROACH	283
V. Damic and M. Cohodar	
A DEFINITION METHOD OF OPTIMAL CUTTING PARAMETERS FOR FACE TURNING OF METALLIC PARTS ACCORDING TO CUTTING FORCES AND TO SURFACE ROUGHNESS	287
I. Biró and T. Szalay	
ONBOARD COMPUTER OF FIRST SLOVAK SATELLITE	291
J. Slačka and O. Závodský	