



5th International Conference of Mechanical Engineering

ICOME 2019

24-25 October 2019

Scientific papers schedule

Section: Production Systems, Management and Materials

<i>Thursday 24th of October 2019 - Papers presentation</i>		
<i>16⁰⁰ -17²⁰</i>		
Chairman: Professor, Dr. Eng. Stefan GHEORGHE Associate Professor Dr. Eng. Ileana PASCU Hall: BA 123		
16⁰⁰– 16²⁰	Design, Manufacture and Testing of a S Type Force Transducer	Ionuț Daniel GEONEA, Nicolae DUMITRU, Alexandru MARGINE, Nicolae CRACIUNOIU, Cristian COPILUSI
16²⁰– 16⁴⁰	Studies on the Variation of the Process Parameters when Braking Dc Motors with Shoe Brakes	Adrian CERNĂIANU, Corina CERNĂIANU, Eugenia STĂNCUȚ, Marius CIUREZU
16⁴⁰– 17⁰⁰	Considerations Regarding the Dynamic Behavior of Composite Sandwich Bars with Polystyrene Core Reinforced with Fiber-Glass	Cosmin Mihai MIRIȚOIU, Marius Marinel STĂNESCU, Dumitru BOLCU, Cristian Oliviu BURADA, Daniela TĂRĂȚĂ
17⁰⁰- 17²⁰	Titanium-Based Sintered Alloy with Improved Wear Resistance	Stefan GHEORGHE, Ileana PASCU, Claudiu NICOLICESCU
17²⁰- 17⁴⁰	<i>Coffee break</i>	
<i>Thursday 24th of October 2019 - Papers presentation</i>		
<i>17⁴⁰– 19⁰⁰</i>		
Chairman: Professor Dr.Eng. Daniela TĂRĂȚĂ Associate Professor Dr. Eng. Bebe TICĂ Hall: BA 123		
17⁴⁰– 18⁰⁰	Ultrasonic Vibration Cutting of Extra-Hard Steels	Bebe TICĂ, Ștefăniță CIUNEL, Gabriel Cătălin MARINESCU
18⁰⁰– 18²⁰	Study about the Application of Statistical Process Control for Process Quality Improvement in Automotive Industry	Cristina Ileana PASCU, Anca DIDU, Stefan GHEORGHE
18²⁰– 18⁴⁰	Considerations on Single and Multiple Nests Molding Injection	Adrian Sorin ROȘCA, Nicolae CRĂCIUNOIU, Ionuț GEONEA
18⁴⁰– 19⁰⁰	Optimization of the Process Parameters in Milling of Aluminum Alloys	Nicolae CRACIUNOIU, Emil Nicusor PATRU, Adrian Sorin ROSCA, Dumitru PANDURU, Marin BICA
19⁰⁰– 19²⁰	A Study on the Optimization of the Cutting Parameters in Turning of Pure Titanium	Dumitru PANDURU, Emil Nicusor PATRU, Nicolae CRACIUNOIU, Marin BICA
19⁴⁰– 20⁰⁰	3D Curve Generation Using a Spherical Polar Piecewise Interpolation in CAD and CAM	Mihai DUPAC