

**7<sup>th</sup> Agria Conference on Innovative Vehicle Technologies and Automation Solutions - InnoVeTAS 2023**  
**Continue in New World**

09:00	<b>Registration</b>		
	<b>Plenary section</b>		
	chair: László Pokorádi		
10:00	István Gödri– General Manager of Emerson Automation FCP Ltd.		
10:20	Stephanie De Boissieu – VP/GM of Emerson Factory Automation		
10:40	T. Szakács: Pneumatic Piston Control Modelling and Optimization		
	<b>A1 section</b>	<b>B1 section</b>	<b>C1 section</b>
chair:	Chair: Sándor Bodzás Co-chair: László Soltész	Chair: Sándor Bihari Co-chair: Dávid Bodnár	Chair: László Hanka Co-chair: Szilárd Nagy
11:30	Sándor Bodzás: Gyöngyi Szanyi: Geometrical- and Tooth Contact Analysis of the Areas and Perimeters on the Archimedean Worm Wheels depending on the Modification of the Axial Module	Kovács; Bolló; Szabó: A COMPLEX COMPARATIVE STUDY OF TWO DISSIMILAR ENGINE VALVE CONSTRUCTIONS ON...	László Hanka: Application of the theory of Absorbing Markov Processes for estimating the load of road sections and charging stations for electric car transport
11:50	Brigitta Zsótér; Tamás Molnár: Material testing of 3D printed industrial plastics in technical practice	Gábor Kónya; Péter Ficzer: The Effect of Layer Thickness and Orientation of 3D Printed Workpiece on The Micro-and Macrogeometric Properties of Turned Parts	G Á Sziki; A Szántó; É Ádámkó: Review of methods for determining the moment of inertia and braking torque of electric motor rotor's
12:10	Sebastian Cabezas; Hegedűs György; Bencs Péter: A new thermal model of an angular contact ball bearing in standard arrangement subjected to radial loads based on state variables and control volumes	Zainab Ali, Gabriella Bognár: Investigation of the impact of surface roughness on the vehicle's resistance	P.Marko: Analysis of the possibility of using compressed air to drive vehicles
12:30	Lunch		
	<b>A2 section</b>	<b>B2 section</b>	<b>C2 section</b>
chair	Chair: G. Á. Sziki Co-chair: Dávid Bodnár	Chair: László Berényi Co-chair: László Soltész	Chair: Ágnes Takács Co-chair: Szilárd Nagy
13:30	István Nagy; Yernar Kenzhetayew: A real-time, remotely operated vehicle using Raspberry Pi and a Virtual Reality headset.	Bence Venczel, László Berényi, Krisztián Hriczó: Q-sort evaluation of risk factors by automotive experts	Jemal Ebrahim; Lukács Zsolt: Prediction of springback in U-draw bending of pre-painted steel using finite element method
13:50	Szemere Dorottya; Nemeslaki András The implications of electric scooters as a technology artifact in urban transportation	László Soltész; László Berényi: Technology adoption propensity of engineers	Judit Albert; Ágnes Takács: Optimization methodology of the thermoelectric Peltier-modules for structural design and material selection with MCDM and FEM modeling
14:10	Bencs Péter: Review of bus cooling systems in conversion process	Brigitta Zsótér, Norbert Zaka: Pre-calculation of the implementation of a warehouse management system in a specific company	DOMOKOS Tatiane; BAKSA Attila; SZABOLCS Szávai: FLD WITH GURSON MODEL FOR SIMPLE FLAT SPACEMEN
14:30	Break		

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	<b>A3 section</b>	<b>B3 section</b>	<b>C3 section</b>
chair	Chair: Károly Jármái Co-chair: Máté Petrik	Chair: Tamás Szakács Co-chair: Dávid Bodnár	Chair: János Bihari Co-chair: Szilárd Nagy
14:50	Bozzay Péter, Jármái Károly, Dr. Virág Zoltán: VIBRATION DAMPING MATERIAL BEHAVIOUR AT LOW TEMPERATURE	Sahm alden Abd al al; Mariann Fodorné Cserépi; Marcell Gáspár; Ákos: RESISTANCE SPOT WELDING AND DISSIMILAR JOINING OF AUTOMOTIVE HIGH-STRENGTH STEELS AND ALUMINIUM ALLOYS	Imre Marada; János Bihari: ANALYSIS OF FAULTS OF SMALL PLASTIC GEARS
15:10	Petrik Máté; Bolló Betti; Jármái Károly: FIRE SAFETY DESIGN OF TRUCK TANK IN PUBLIC ROAD ACCIDENT	Aimen Tanougast; Krisztián Hriczó: NUMERICAL SIMULATION OF NANOFLUID FLOW THROUGH A CORRUGATED CHANNEL WITH VORTEX GENERATOR	Kónya Gábor, Kovács Zsolt Ferenc : PROBLEMS OF MACHINABILITY OF NICKEL-BASED SUPERALLOYS
15:30	Jármái Károly: MINIMISING THE WEIGHT, COST AND ENVIRONMENTAL IMPACT OF WELDED STEEL STRUCTURES	Seif Eddine Habbachi; Attila Baksa; Marwen Habbachi: NUMERICAL MODELLING OF TRANSVERSE SPRING LEAF WITH STEEL MATERIAL	Molnár Tamás Géza; Zsótér Brigitta: MATERIAL TESTING OF 3D PRINTED INDUSTRIAL PLASTICS IN TECHNICAL PRACTICE
15:50	Pokorádi László: UNCERTAINTY ANALYSIS OF REPAIR WORK ESTIMATION BY MONTE-CARLO SIMULATION	Dávid Bodnár; Károly Jármái: DESIGN OF ROBOT WORKSPACE AND STRUCTURE, A REVIEW	