

6th Agria Conference on Innovative Vehicle Technologies and Automation Solutions – InnoVeTAS 2022

Sense the future

Final Program

09:00	Regisztráció - Registration		
	Plenáris szekció – Plenar Section		
	chair: László Pokorádi		
10:00	István Gödri, Managing Director, Director Operations, of Aventics Hungary Ltd., Emerson Automation Solutions, Opening speech		
10:20	Jerome Thomas, Vice President FLMC Operations EMEA: <i>Be Ready to Tackle the World's Biggest Challenges with Emerson</i>		
10:40	P Marko and W Fiebig: <i>Optimization of compressed air consumption in a pneumatic vehicle</i>		
	A1 Szekció – Section A1	B1 Szekció – Section B1	C1 Szekció – Section C1
chair:	László Hanka	Sándor Bodzás	Gusztáv Áron Sziki
11:30	László Hanka: <i>Application the theory of stochastic processes for the analysis of operation of charging stations for electric vehicles</i>	Sándor Bodzás et al.: <i>Redesign of a Volkswagen Crafter van to a hybrid vehicle driven by an electric motor and a diesel engine</i>	Éva Ádámkó et al.: <i>Software developments for an electric motor test bench developed at the Faculty of Engineering of the University of Debrecen</i>
11:50	István Nagy: <i>Matrix representation of an EV's Sensory and Control System</i>	Ferenc Zombori et al.: <i>Conversion of a Lada 2106 car into a rally racing car</i>	István Tibor Tóth: <i>Drives and their energy sources, Human and Pneumatic</i>
12:10	László Pokorádi: <i>Monte-Carlo Simulation-based Analysis of Bridge Structure Systems' Reliability</i>	Emese Kozák et al.: <i>Eco-marathon racing car casing and frame structure design</i>	Sándor Pálincás et al.: <i>Development of measurement method to determine rolling resistance</i>
12:30	Ebéd		
	A2 Szekció – Section A2	B2 Szekció – Section B2	Section C2
chair:	Sándor Bihari	László Soltész	Tamás Szakács
13:30	László Juhász et al.: <i>The impact of the pandemic on the digitization of Hungarian maintenance sector</i>	Brigitta Zsótér et al.: <i>Pre-calculation of the implementation of a warehouse management system in a specific company</i>	Ferenc Sarka et al.: <i>Design Issues for Slot-Die Coating Heads – Case Study</i>
13:50	János Bihari et al.: <i>An Improved Equipment for Measuring Heating Caused by Reactive Loads</i>	László Soltész et al.: <i>Product development: Imagines versus practice</i>	Tamás Szakács et al.: <i>Vehicle Dynamic Development and System Analysis Project</i>
14:10	Imre Marada et al.: <i>Comparison of Methods for Calculating the Heating of Plastic Gears</i>	Tamara Juhászné Bíró et al.: <i>Innovative methods and research directions in the field of logistics</i>	Zoltán Pusztai et al.: <i>Modelling the steering resistance for energy saving</i>
14:30		Bence Venczel et al.: <i>Project and risk management challenges of Startups</i>	Szilárd Nagy et al.: <i>Combining evolutionary optimization with finite element method for optimizing transmission-line tower</i>