Plenary lecture, chairman Károly Jármai								
9.00-9.30	László	Fükő	Factory director, Robert Bosch Power Tool Ltd.					
			hicles, chairman: Ferenc Sarka					
9.45-10.00	Márton Zakoriás	Pataki	Development of an advanced durable test target for Autonomous Emergency Brake testing					
10.00-10.15 10.15-10.30	Zakariás Zakariás	Erősdi Erősdi	Trajectory tracking control of an autonomous car					
10.30-10.45	Dávid	Matusz-Kalász	Trajectory Tracking Controller Testing in Software in the Loop Environment Range-reducing Effect of Contaminants in Case of Solar Vehicles					
10.45-11.00	István	Lakatos	Alternative propulsion buses in the metropolitan public transport					
11.00-11.15	Mehmet Murat	Topaç	Structural Analysis of a Multi-Axle Steering Linkage for an 8x8 Special Purpose Vehicle					
			g g g g g g g g g g g g g g g g g g g					
	als & Manufacturir	ng, chairman: Zolt						
9.45-10.00	Miklós	Tisza	Three Generations of Advanced High Strength Steels in the Automotive Industry					
10.00-10.15	Boris	Pätoprstý	Development of cutting edge radius size of solid carbide mills when drag finishing					
10.15-10.30	Saad	Alsarayefi	Micromechanical Analysis of Glass Fiber/Epoxy Lamina					
10.30-10.45	Peter	Szobota	Non destructive test for control of the surface quality of semi product at the automotive industry					
10.45-11.00	Bela	Kondas	Investigation into applicability of automotive quality regulations in the steel industry					
Caraina Caratain		ah atau a a a Garii aa	Manafara					
	nability / Logistics,							
11.15-11.30 11.30-11.45	András Lajos Olivér	Nagy Horpyák	Artificial aging of ultra-low viscosity lubricant samples on a programmable oil aging rig					
11.30-11.45	Oliver	Hornyák	Smart Contracts in the Automotive Industry A Review on the Differences between Particle Emission; Filtration and Regeneration of Particulate					
11.45-12.00	Péter	Nagy	Filters of Diesel and Gasoline Engines					
12.00-12.15	Dániel	Erdősy	Electromagnetic emission rates between 2-phase and 3-phase motors					
12.15-12.30	Rafael Ruben	Boros	Life Cycle Assessment of Traditional and Electric Vehicles					
12.30-12.45	György	Kovács	Special Optimization Process for Warehouse Layout Design					
12.45-13.00	Yakoumis	lakovos	Towards Ammonia Free Retrofitting of Heavy-Duty Vehicles to meet Euro VI Standards					
12 00 12 15	Mohammad	Aldrad	Applying Systemable Logistics in Industry 4.0 Fro					
13.00-13.15	Zaher	Akkad	Applying Sustainable Logistics in Industry 4.0 Era					
Session Design	/ Noise, chairman:	Gábor Szepesi	Experimental investigation of vibracequatic helpovicus of an automative turb acharges with some					
11.15-11.30	Balázs	Rácz	Experimental investigation of vibroacoustic behaviour of an automotive turbocharger with semi- floating bearing					
11 22 11 15	WALLYSON	ALVES DA						
11.30-11.45	THOMAS	SILVA	Passive Damping Techniques For Vibration Suppression In Boring Operation With Long Overhangs					
11.45-12.00	Ferenc	Sarka	Test Method for Investigation of Reactive Loads on Gear Drives with Supporting Function					
12.00-12.15	Ferenc	Szabó J.	Analysis of wear curves as sigmoid functions					
12.15-12.30	László	Soltész	Utilization of lessons learned in product development					
12.30-12.45	Attila	Widner	Comparison of center of gravity height estimation methods					
12.45-13.00	Gabriella	Vadászné Dr.	Numerical Solutions of the Kardar-Parisi-Zhang Interface Growing Equation with Different Noise					
		Bognár	Terms					
13.00-13.15	Viktor	Gál	Effect of cooling channels to the press hardening tools temperature					
Plenary lecture	, chairman Károly .	lármai						
14.00-14.30	Barna	Szabo	Formulation of a mathematical model for the prediction of fatigue life in the high cycle regime					
	Jama	0-0.00	To make the matter at the production of talligue me in the might expert regime					
Session Design	/ Noise, chairwon	nan: Betti Bolló						
14.45-15.00	Máté	Tóth	Design and testing of a water injection system of a turbocharged Otto-engine in testbench					
15 15.00			environment					
15.00-15.15	Gergely	Szűcs	Method of validating the importance of aerodynamic (drag) parameters for electric racing					
15.15-15.30	Gergely	Szűcs	environments Simulation environment developed for advanced suspension design methods					
			Validation of Formula Student Race Car simulation environment and parameter sensitivity to race					
15.30-15.45	Gergely	Szűcs	results					
15.45-16.00	Betti	Bolló	CFD analyzes of an axial fan					
16.00-16.15	László	Dudás	Robotic Production Oriented Engine Design and Manufacturing					
16.15-16.30	Máté	Petrik	Experimental investigation of the air-side heat transfer coefficient on louver finned tube automotive					
			radiator					
Session Optimization, chairman: Zoltán Virág								
14 45 45 66	ALAA	Al Fathand	Outing up Design of Colon Conduciels Design for Cotallities Assiliation					
14.45-15.00	ABDULZAHRA	Al-Fatlawi	Optimum Design of Solar Sandwich Panels for Satellites Applications					
15 00 45 45	DELI	Danatana	Current on now tronds of robotic to also in the automostics in director.					
15.00-15.15	Rabab	Benotsmane	Survey on new trends of robotic tools in the automotive industry					
15.15-15.30	Rabab	Benotsmane	Trial - and - Error Optimization Method of Pick and Place Task for RV-2AJ Robot Arm					
15.30-15.45	Hazim Károly	Ghafil Iármaí	Optimization algorithms for inverse kinematics of robots with MATLAB source code					

15.00-15.15	Rabab	Benotsmane	Survey on new trends of robotic tools in the automotive industry
15.15-15.30	Rabab	Benotsmane	Trial - and - Error Optimization Method of Pick and Place Task for RV-2AJ Robot Arm
15.30-15.45	Hazim	Ghafil	Optimization algorithms for inverse kinematics of robots with MATLAB source code
15.45-16.00	Károly	Jármai	Newer manufacturing technologies and their costs in automotive structures; a review
16.15-16.30	Zoltán	Virág	Cutting and Hauling Mining Adapter for Dimension Stone
Caraian Maldi	b:	aall Céanén	
Session weigh	ng, chairman: Mar	celi Gaspar	
14.45-15.00	Mikihito	Hirohata	Application of Laser-arc Hybrid Welding to Thick Steel Plates for Bridge Structures
15.00-15.15	Erika	Hodulova	Research of Laser Beam Welding of Nickel
15.15-15.30	Abdallah	Kafi	Arc sensor parameter optimisation for robot welding

15.30-15.45	Erika	Hodulova	Experimental Study of Electron Beam Welding of Inconel Alloy
15.45-16.00	László	Gyura	Investigation of thermal effects of flame straightening on high-strength steels
16.00-16.15	János	Lukács	High Cycle Fatigue Resistance of 700 MPa and 960 MPa Strength Categories High Strength Steels and their Gas Metal Arc Welded Joints