



**International, Online Conference on
Design, Automation, Manufacturing, Management, Exploitation,
Testing and Creation in Polytechnical Research
DAMMETaC 2023**

**Department of Engineering Processes Automation and Integrated
Manufacturing Systems,
Faculty of Mechanical Engineering,
Silesian University of Technology**

PROGRAM OF THE CONFERENCE

FIRST DAY OF CONFERENCE				
26.07.2023r.				
No.	NAME AND SURNAME	TITLE OF PRESENTATION	DATE	TIME
	Prof. Aleksander Gwiazda - Chairman	Welcome speech	26.07.2023r.	10.00
		SESSION A	26.07.2023r.	10.20
	Prof. Cezary Grabowik	Special presentation. Applications of CAx systems	26.07.2023r.	10.20
1.	Mirosław Szewczyk	Development of a concept and selection of parameters for an active leveling and positioning test stand for large-size elements	26.07.2023r.	10.40 (10 minutes for presentation)



2.	Tolera Degefa	Traffic monitoring based on vibration measurements	26.07.2023r.	10.55 (10 minutes for presentation)
3.	Magdalena Bączkiewicz	Modeling complex processes in a simulation environment	26.07.2023r.	11.10 (10 minutes for presentation)
4.	Barbara Balon	Blockchain technology in modeling production processes	26.07.2023r.	11.25 (10 minutes for presentation)
		BREAK	26.07.2023r.	15 minutes
		SESSION B	26.07.2023r.	11.55
	Prof. Krzysztof Herbuś	Special presentation. Modeling of the mechatronics function	26.07.2023r.	11.55
1.	Mariusz Galiński	Research on the operation of hydraulic systems at low temperatures	26.07.2023r.	12.15 (10 minutes for presentation)
2.	Kamil Dworak	Research on the influence of elevated temperature on the operation of a hydraulic shock absorber	26.07.2023r.	12.30 (10 minutes for presentation)
3.	Paweł Radzik	Assumptions of the hydropneumatic wishbone failure prediction system	26.07.2023r.	12.45 (10 minutes for presentation)
4.	Arkadiusz Żuczek	Factors affecting the energy efficiency of modular hydraulic devices	26.07.2023r.	13.00 (10 minutes for presentation)



SECOND DAY OF CONFERENCE

27.07.2023r.

No.	NAME AND SURNAME	TITLE OF PRESENTATION	DATE	TIME
		SESSION C	27.07.2023r.	10.00
	Prof. Aleksander Gwiazda - Chairman	Welcome speech	27.07.2023r.	10.00
1.	Karolina Wrześniowska	Automatization of shoe last designing Proposal of an exemplar solution	27.07.2023r.	10.05 (10 minutes for presentation)
2.	Magdalena Jarzyńska	Mapping of business processes. Case Study	27.07.2023r.	10.20 (10 minutes for presentation)
3.	Hima Mallisetty	Process of engine – drive system analysis	27.07.2023r.	10.35 (10 minutes for presentation)
4.	Wioletta Rakowska	Procedures in intellectual property management	27.07.2023r.	10.50 (10 minutes for presentation)
5.	Grzegorz Derłęga	The use of the risk matrix in the assessment of the product development process in the automotive industry	27.07.2023r.	11.05 (10 minutes for presentation)
6.	Agnieszka Kalembe	Model of robotised technological system in ABB program RobotStudio	27.07.2023r.	11.20 (10 minutes for presentation)
		Closing	27.07.2023r.	11.35