

Priority Research Area 5 (PRA5) – Automation and Industry 4.0
III Thematic Conference – Management systems – Maintenance - Diagnostics

30.06.2022

Agenda

Topics:

- T5 Management systems including horizontal and vertical integration
- T6 Technical diagnostics and maintenance systems, measurement systems in industry and environmental protection

15.00 Introduction

dr hab. inż. Anna Timofiejczuk prof. PŚ, coordinator PRA5

dr inż. Seweryn Tchórzewski, coordinator PRA5.5

dr hab. inż. Piotr Przysłałka prof. PŚ, coordinator PRA5.6

15.10 – 16.00 – I session

- *Liquid detection system for electric vehicle's battery packs*, M.Sc. Eng. Grzegorz Wójcik, Supervisor: Ph.D. D.Sc. Eng. Piotr Przysłałka, Associate professor
- *A distributed electromagnetic pollution measurement system based on Software Defined Radio technology*, M.Sc. Eng. Przemysław Flak, Supervisor: Ph.D. D.Sc. Eng. Roman Czyba, Associate professor
- *Methods of diagnosing modern automated machining centers*, M.Sc. Eng. Damian Augustyn, Supervisor: Ph.D. D.Sc. Eng. Marek Fidali, Associate professor

16.00 – 17.00 – II session – Report from the Hannover Messe 2022 fair

- Introduction, Andrzej Soldaty, Director of the Industry 4.0 Center, SUT
- *State-of-the-art for technology of Augmented Reality*, on the base of Hannover Messe 2022, Ph.D. Eng. Marcin Januszka, Assistant Professor
- Short messages about individual technologies, Paulina Zenowicz, Kamil Zenowicz, Andrzej Loska, Damian Krenczyk, Krzysztof Kalinowski, Marek Płaczek, Mirosław Matusek, Anna Kiljan, Wojciech Sitek, Anna Timofiejczuk

17.00 – 17.10 Summary of the Conference