

MEMORIU ȘTIINȚIFIC
Drd.ing. PÎRVU I. Valentin

Studii de doctorat

Perioada: 2021-2026

Conducător științific: Prof.dr.ing. Corneliu RONTESCU

Domeniu: Inginerie industrială

Titlul tezei de doctorat: Cercetări privind managementul riscurilor în cadrul organizațiilor producătoare de structuri sudate

Activitate științifică

A. Lista de lucrări științifice (articole în reviste sau volume)

- A.1. Pirvu, Valentin & Rontescu, Corneliu & Bogatu, Ana-Maria & Cicic, Dumitru-Titi & Burlacu, Adrian & Belu, Nadia. (2024). Research on Occupational Risk Assessment for Welder Occupation in Romania. MDPI, Processes. 12. 1295. 10.3390/pr12071295, WOS:001277016500001
- A.2. Valentin, Pîrvu & Corneliu, Rontescu & Ana-Maria, Bogatu & Dumitru-Titi, Cicic. (2024). Applied Research on the Evaluation of the Management System of a Welded Structure Manufacturing. Romanian Journal of Transport Infrastructure. 13. 1-28. 10.2478/rjti-2024-0010, WOS:001287405400012
- A.3. Oancea, A.-V.; Ionescu, N.; Rontescu, C.; Ionescu, L.-M.; Misztal, A.; Bogatu, A.-M.; Cicic, D.-T.; Pirvu, V. Integrating Industry 4.0 Technologies into 8D Methodologies: A Case Study in the Automotive Industry. Appl. Sci. 2025, 15, 11262. WOS:001602543900001
- A.4. Valentin PÎRVU, Corneliu RONTESCU, Ana-Maria BOGATU, Dumitru-Titi CICIC: Analysis of occupational accidents in industrial fields using welder occupation. Reliability & Durability No 1/ 2024, "Academica Brâncusi" Publishing House, Târgu Jiu, ISSN 1844 – 640X
- A.5. Pirvu, Valentin & Cicic, Dumitru & Rontescu, Corneliu & Bogatu, Ana & Coman, Mihaita. (2023). Analysis of the interdependencies between imperfections and risks in the field of welded structures manufacturing. International Journal of Modern Manufacturing Technologies. 15. 125-136. 10.54684/ijmmt.2023.15.3.125,
- A.6. Coman, Mihăiță-Nicolae & Rontescu, Corneliu & Cicic, Dumitru & Bogatu, Ana-Maria & Pirvu, Valentin. (2023). Implementation of robot welding in the context of industry 4.0 development. International Journal of Modern Manufacturing Technologies. 15. 36-42. 10.54684/ijmmt.2023.15.3.36.
- A.7. Pîrvu, Valentin & Cicic, Dumitru & Rontescu, Corneliu & Bogatu, Ana. (2023). Research On Establishing Correlations Between The Requirements Of EN ISO 9001:2015 And EN ISO 3834-2:2021 Standards For Welded Structure Manufacturing Organizations. 01-09. 10.1109/ECAI58194.2023.10194218.6)
- A.8. Belu, Nadia & Ionescu, Laurentiu-Mihai & Mazare, Alin-Gheorghita & Pirvu, Valentin. (2023). A VR Environment to Build Simulators for Records in Control Plan. 251-254. 10.1109/SIITME59799.2023.10431384.

B. Participări la conferințe/workshop-uri

- B1. ModTech 2023 International Conference, Continental Forum Hotel, Bucharest, Romania, June 14-17, 2023
- B2. ECAI 2023, 15th Edition International conference on Electronics, Computers and Artificial Intelligence, 29-30 June, 2023
- B3. IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME), 18th – 21th October 2023, Craiova, Romania.

Student-doctorand
Ing. **PÎRVU I. Valentin**