



ПРИАЗОВСЬКИЙ ДЕРЖАВНИЙ
ТЕХНІЧНИЙ УНІВЕРСИТЕТ



Sergey Kargin

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RESEARCHER DATA

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SCIENTIFIC INTERESTS / RESEARCH AREAS

Forging shafts
Bulk stamping
Processes MP
Evaluation of the effectiveness of
management of rolling and forging and
stamping shops of ferrous metallurgy plants

ACADEMIC DISCIPLINES

Competitiveness and legal protection of
research results
Directions of development of processes MP
Optimization of processes MP
Workshop design
Theoretical foundations of processes by
specialty
Process technology by profession
New materials

EDUCATION

1990 - Mariupol Metallurgical Institute. By
specialty: metallurgy, equipment and
technology of heat treatment of metals.
Metallurgical engineer
1998 - Azov State Technical University. By
specialty: economy and management in
metallurgy. Economist engineer

ACADEMIC TITLES

2013 - candidate of technical sciences —
Donbas State Machine-Building Academy
2018 — associate professor - department of



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LABOR ACTIVITY INFORMATION (THE LAST 5 YEARS)

pressure metal processing "Priazov State Technical University"

2014 — present time — State Technical University "PDTU" - associate professor, candidate of technical sciences, department of pressure metal processing

OTHER POSITIONS AND ACTIVITIES

2013 - International Personnel Academy, academician

CERTIFICATION TRAININGS (FOR THE LAST 5 YEARS)

2023 - Priazov State Technical University" Institute of advanced training, Certificate No. KPK 55-23 dated 07.18.23. Topic: "Actual issues of preparation of the guarantor for the accreditation of the educational program"

2023 - Priazov State Technical University" Institute of advanced training, Certificate of professional development No. KPK 102-23 dated 07/24/2023. The subject of the courses: "Teaching under martial law: quality, creativity, stress resistance tools."

PARTICIPATION IN INTERNATIONAL PROJECTS

LANGUAGES

Native language: Ukrainian, C1

Foreign languages: Russian, C1. English, B2

PUBLICATIONS

Total number: 37

In the last 5 years: 11

1. Bulk Cargo Pressure Acting on Vehicle Body Walls. Springer Nature Switzerland AG 2023. Lecture Notes in Networks and Systems. Vol.510, pp. 1593-1601. **Scopus.**

2. A. Nikitchenko, V. Artiukh, S. Kargin, V. Kashintseva. Bulk Cargo Pressure Acting on Vehicle Body Walls. Springer Nature Switzerland AG



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2023. Lecture Notes in Networks and Systems. Vol.510, pp. 1593-1601.

Doi:10.1007/978-3-031-11051-1-164.

Scopus.

3.S.Kargin,V.Artiukh,O.Latypov. Increasing Durability of press stamps by Applying Effective Technological Lubricants and Steel Grades. AIP Conference Proceeding 2503, 070028 (2022). ICMTMTE 2021. Vol.2503, № 1 .Doi;<https://doi.org/10.1063/5.0100119>.

Scopus.

4.Study of some aspects of refining process physics of large-sized details precision surfaces. E3S Web of Conferences 175,05049 (2020) INTERAGROMASH 2020. **Scopus.**

5.Machining of bearing trunnions of rolls by heavy lathes in conditions of repair production. IOP Conf. Series: Materials Science and Engineering 918 (2020) 012129 doi : 10.1088/1757-899X/918/1/012129.

Scopus.

**DATE OF
COMPLETION**

15.01.2024