



ACADEMIC TEACHER PROFESSIONAL EXPERIENCE

DOCTORAL SCHOOL OF WROCLAW UNIVERSITY OF SCIENCE AND TECHNOLOGY

1. Basic information

Name, surname:	Marek Piotr Mysior
Grade / Title:	PhD, Assistant Professor
Scientific discipline	inżynieria mechaniczna / mechanical engineering
Faculty:	W10 Wydział Mechaniczny / Faculty of Mechanical Engineering
Email address:	marek.mysior@pwr.edu.pl
Link to home page and/or research profiles (Google Scholar, ResearchGate, etc.)	https://www.researchgate.net/profile/Marek-Mysior https://www.linkedin.com/in/marekmysior/ https://github.com/mmysior

2. Publication record

Up to 10 most important papers published over the period of previous 10 years.

No.	Description (authors, publication title, journal / conference, DOI)	Publication year
1.	Mysior, Marek, Grzegorz Pietrucha, i Sebastian Koziołek. 2022. „ Strength testing of a modular trailer with a sandwich platform ”. Eksploatacja i Niezawodność – Maintenance and Reliability 24 (1): 163–69. https://doi.org/10.17531/ein.2022.1.18 .	2022
2.	Mysior, Marek, Paweł Stępień, i Sebastian Koziołek. 2020. „ Modeling and Experimental Validation of Compression and Storage of Raw Biogas ”. Processes 8 (12): 1556. https://doi.org/10.3390/pr8121556 .	2020
3.	Mysior, Marek, Maciej Tomaszewski, Paweł Stępień, Jacek A. Koziel, i Andrzej Białowiec. 2019. „ Valorization of Sewage Sludge via Gasification and Transportation of Compressed Syngas ”. Processes 7 (9): 556. https://doi.org/10.3390/pr7090556 .	2019
4.	Mysior, Marek, i Sebastian Koziołek. 2023. „ Use of Function Analysis in the Design of Multi-Functional Products ”. W Towards AI-Aided Invention and Innovation, zredagowane przez Denis Cavallucci, Pavel Livotov, i Stelian Brad, 317–27. IFIP Advances in Information and Communication Technology. Cham: Springer Nature Switzerland. https://doi.org/10.1007/978-3-031-42532-5_25 .	2023
5.	Mysior, Marek. 2022. „ Modular Ideality for Systematic Segmentation ”. W Systematic Innovation Partnerships with Artificial Intelligence and Information Technology, zredagowane przez Robert Nowak, Jerzy Chrzęszcz, i Stelian Brad, 655:145–53. IFIP Advances in Information and Communication Technology. Cham: Springer International Publishing. https://doi.org/10.1007/978-3-031-17288-5_13 .	2022
6.	Mysior, Marek, Sebastian Koziołek, i Eugeniusz Rusiński. 2018. „ Problem Formulation of Screw Feeding System of Fibrous Materials Using TRIZ ”. W Advances and Impacts of the Theory of Inventive Problem Solving : The TRIZ Methodology, Tools and Case Studies, zredagowane przez Sebastian	2018



	Koziołek, Leonid Chechurin, i Mikael Collan, 57–64. Cham: Springer International Publishing. https://doi.org/10.1007/978-3-319-96532-1_5 .	
7.	Mysior, Marek, Sebastian Koziołek, i Bartosz Pryda. 2019. „ Conceptual Design and Concept Development of Compressed Biogas Transport System Using CAD/CAE ”. W Proceedings of the 14th International Scientific Conference: Computer Aided Engineering, zredagowane przez Eugeniusz Rusiński i Damian Pietrusiak, 518–26. Lecture Notes in Mechanical Engineering. Cham: Springer International Publishing. https://doi.org/10.1007/978-3-030-04975-1_60 .	2019
8.	Pryda, Bartosz, Marek Mysior, i Sebastian Koziołek. 2018. „ Method of Innovation Assessment of Products and Processes in the Initial Design Phase ”. W Automated Invention for Smart Industries, zredagowane przez Denis Cavallucci, Roland De Guio, i Sebastian Koziołek, 75–83. IFIP Advances in Information and Communication Technology. Cham: Springer International Publishing. https://doi.org/10.1007/978-3-030-02456-7_7 .	2018
9.	Mysior, Marek, i Sebastian Koziołek. 2022. „ Hypotheses Analysis as a Development of the System Operator Method Used in TRIZ ”. W Systematic Innovation Partnerships with Artificial Intelligence and Information Technology, zredagowane przez Robert Nowak, Jerzy Chrzęszcz, i Stelian Brad, 655:154–62. IFIP Advances in Information and Communication Technology. Cham: Springer International Publishing. https://doi.org/10.1007/978-3-031-17288-5_14 .	2022
10.	Mysior, Marek, Witold Hnat, i Sebastian Koziołek. 2019. „ Method of Identification of Useful Functions in the Scope of Technical System Development ”. W New Opportunities for Innovation Breakthroughs for Developing Countries and Emerging Economies, zredagowane przez Rachid Benmoussa, Roland De Guio, Sébastien Dubois, i Sebastian Koziołek, 204–15. IFIP Advances in Information and Communication Technology. Cham: Springer International Publishing. https://doi.org/10.1007/978-3-030-32497-1_17 .	2019

3. Projects and grants

List of the most important 5 projects/grants with basic description including: title, source(s) of funding, name of the call, role in the project (e.g., principal investigator).

1.	Role in the project (e.g., principal investigator, work package leader, etc.)	Key team member
	Project title	Elastyczny system produkcji (ESPP) modułowych przyczep samochodowych o DMC do 3500kg wytwarzanych w technologii HONEYtech
	Sources of funding	NCBiR, POIR.01.01.01-00-0589
	Name of the call	Szybka Ścieżka
	Implementation period	01.2020- 12.2022
2.	Role in the project (e.g., principal investigator, work package leader, etc.)	Key team member
	Project title	Modułowa, wielofunkcyjna i ultralekka przyczepa przeznaczona do wytwarzania w elastycznym systemie produkcyjnym



	Sources of funding	NCBiR, POIR.01.01.01-00-0563
	Name of the call	Szybka Ścieżka
	Implementation period	11.2017 - 10.2018
3.	Role in the project (e.g., principal investigator, work package leader, etc.)	Key team member
	Project title	Nysa. Ultralekki modułowy pojazd ciężarowy zasilany energią elektryczną
	Sources of funding	NCBiR
	Name of the call	Innomoto
	Implementation period	11.2017 - 10.2018
4.	Role in the project (e.g., principal investigator, work package leader, etc.)	Researcher
	Project title	Innowacyjny ciąg technologiczny konwersji odpadów organicznych w nowatorskie, wysokojakościowe paliwa stałe
	Sources of funding	NCBiR
	Name of the call	Szybka Ścieżka
	Implementation period	05.2016 - 01.2019
5.	Role in the project (e.g., principal investigator, work package leader, etc.)	Project leader
	Project title	Prognozowanie rozwoju paneli przekładkowych w budowie modułowych systemów technicznych
	Sources of funding	Subwencja projakościowa Wydziału Mechanicznego PWr
	Name of the call	-
	Implementation period	04-12.2022

4. International experience

Brief description of international cooperation and experience (e.g., research stays, cooperation with foreign entities, coordination or participation in international projects or programmes, keynote speeches and presentations delivered at renowned international conferences, visiting professor stays, invited lectures).

No.	Description	Year(s)
1.		
2.		
3.		

5. Experience in teaching doctoral students

Brief description of experience in teaching doctoral students (e.g., courses in doctoral schools and PhD studies, summer/winter schools for doctoral students, tutorials, trainings, etc.).

No.	Description	Year(s)
1.	TRIZ: Theory of Inventive Problem Solving	2022
2.		
3.		

6. List of supervised doctoral students



List of all supervised doctoral students that defended the PhD including: name of the student, dissertation title, year of awarding PhD.

No.	Name, surname	Dissertation title	Year of awarding PhD
1.			
2.			
3.			

7. Prizes and awards

The most important national and international prizes and awards related to research, development and teaching activities.

No.	Description	Year
1.	Rector reward for scientific achievements	2018
2.	II best graduate	2016
3.	Ministry of Education Scholarship	2015

8. Other significant achievements

Information on other significant achievements related to research, development and teaching activities.

Marek P. Mysior, Bartosz Pryda, Sebastian Koziółek. EU patent no. EP3712040 (A1) - **TRAILER PLATFORM**. European patent, decision to grant a patent of March 29, 2023

Marek P. Mysior, Bartosz Pryda, Sebastian Koziółek. Patent. Poland, no. PL 228297, ed. 30/03/2018. Report. No. 413936 of September 14, 2015 **Table** / Wrocław University of Science and Technology, Wrocław, PL ; Marek Mysior, Bartosz Pryda, Sebastian Koziółek. 6 pp.