mechanical engineering

Szkoła Doktorska na Politechnice Gdańskiej - Lista potencjalnych promotorów dla doktorantów w ramach Szkoły Doktorskiej - Rok akademicki 2026/2027

Lp./No.	Stopień/Degree	Imię/First name	Nazwisko/Last name	Zatrudnienie/Employment	Słowa kluczowe/Key words	Przyjmowanie nowych doktorantów - Polaków /Accepting new Polish PhD students (Yes / No)	Przyjmowanie nowych doktorantów - cudzoziemców /Accepting new foreign PhD students (Yes / No)	Liczba doktorantów, których może przyjąć pod opiekę w r.a. 2026/2027/ Number of PhD students to can be supervised in the doctoral school in a.y. 2026/2027
1	dr hab. inż.	Daniel	Chuchała	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Manufacturing and Materials Technology, Division of Manufacturing and Production Engineering	1. machining 2. wood 3. cutting forces 4. cutting tools	Yes	Yes	**3**
2	prof. dr hab. inż.	Dionizy	Czekaj	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Manufacturing and Materials Technology, Division of Structural Materials Technology and Welding	1. ceramics 2. sintering 3. crystal structure 4. electromechanical properties	Yes	No	**3**
3	prof. dr hab. inż.	Mariusz	Deja	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology	1. Abrasive Machining 2. Additive Manufacturing 3. Computer Aided Process Planning 4. Tool wear	Yes	Yes	**3**
4	dr hab. inż.	Paweł	Dymarski	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Naval Architecture, Division of Hydromechanics and Ship Design	1. Offshore wind turbines, aero- and hydrodynamics 2. Numerical modelling, model tests, model basin 3. Ship resistance, propellers, cavitation 4. Ship seakeeping	Yes	Yes	**3**

5	dr hab. inż.	Ryszard	Jasiński	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Mechanics and Machine Design, Division of Machine Design and Medical Engineering	1. hydraulic machines 2. micro-hydraulic components 3. pneumotronic system 4. electric control	Yes	No	**1**
6	prof. dr hab. inż.	Marek	Krawczuk	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Mechanics and Machine Design, Division of Applied Mechanics and Biomechanics	1. Numerical methods 2. Damage detection 3. Finite element method 4. Vibration	Yes	Yes	**3**
7	dr hab.	Agata	Lisińska-Czekaj	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Manufacturing and Materials Technology, Division of Materials Science and Technology	1. multiferroics 2. sintering of ceramics 3. physical properties 4. characterization techniques	Yes	No	**3**
8	prof. dr hab. inż.	Wojciech	Litwin	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Naval Architecture, Division of Marine Auxiliary Machinery	1. Tribology 2. wear 3. water lubrciation 4. environmentally acceptable lubricants (EAL)	Yes	No	**3**
9	dr hab. inż.	Jacek	Łubiński	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Mechanics and Machine Design, Division of Machine Design and Medical Engineering	1. tribology 2. sliding friction 3. biomedical engineering 4. sensor development	Yes	Yes	**3**
10	dr hab. inż.	Wojciech	Macek	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Mechanics and Machine Design, Division of Applied Mechanics and Biomechanics	1. fatigue 2. fracture 3. fractography 4. surface topography	Yes	Yes	**3**

11	prof. dr hab. inż.	Dariusz	Mikielewicz	Vice-Rector For Research	1. heat transport processes 2. passive heat transfer 3. energy conservation 4. energy effectiveness	Yes	Yes	**3**
12	prof. dr hab. inż.	Jakub	Montewka	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Naval Architecture, Transport and Logistics	1. risk-based ship design 2. risk-informed ship operations 3. human element in safety of navigation 4. inland shipping safety and risk	Yes	Yes	**3**
13	dr hab. inż.	Oleksii	Nosko	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Mechanics and Machine Design, Division of Applied Mechanics and Biomechanics	1. sliding friction 2. airborne wear particles 3. sliding contact temperature 4. thermo-mechanical friction problems	Yes	Yes	**3**
14	dr hab. inż.	Agnieszka	Ossowska	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Manufacturing and Materials Technology, Division of Materials Science and Technology	1. ceramics 2. 3D 3. mechanical engineering 4. material properties	Yes	Yes	**3**
15	prof. dr hab. inż.	Andrzej	Seweryn	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Mechanics and Machine Design, Division of Applied Mechanics and Biomechanics	1. Experimental and computer methods in mechanics 2. metamaterials, additive techniques 3. brittle and ductile fracture 4. fatigue of structural elements, complex loading	Yes	No	**3**
16	prof. dr hab. inż.	Marek	Szkodo	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Manufacturing and Materials Technology, Division of Materials Science and Technology	1. Al alloys 2. Micro Arc Oxidation 3. Laser Treatment 4. Tribological Performance	Yes	Yes	**3**

17	dr hab. inż.	Paweł	Śliwiński	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Mechanics and Machine Design, Division of Machine Design and Medical Engineering	1. fluid power 2. hydrostatic drive 3. machine design 4. hydraulics element	Yes	Yes	**3**
18	dr hab. inż.	Beata	Świeczko-Żurek	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Manufacturing and Materials Technology, Division of Biomaterials Technology	1. implants 2. surfaces 3. degradation 4. gunshot wounds	Yes	No	**3**
19	dr hab. inż.	Jacek	Tomków	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Manufacturing and Materials Technology, Division of Structural Materials Technology and Welding	1. welding engineering 2. materials testing 3. underwater welding 4. friction stir welding	Yes	No	**3**
20	prof. dr hab. inż.	Michał	Wasilczuk	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Mechanics and Machine Design, Division of Machine Design and Medical Engineering	1. hydrodynamic lubrication 2. experimental research 3. water lubricated bearings 4. self lubricating bearing materials	Yes	Yes	**3**
21	dr hab. inż.	Michał	Wodtke	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Mechanics and Machine Design, Division of Machine Design and Medical Engineering	1. Oil film lubrication 2. Bearing systems 3. Experimental research 4. Theoretical research	Yes	No	**3**
22	dr hab. inż.	Beata	Zima	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Naval Architecture, Department of Marine Structures Mechanics and Technology	1. structural health monitoring 2. ultrasounds 3. wind energy systems 4. structural dynamics	Yes	Yes	**3**

23	prof. dr hab. inż.	Arkadiusz	Żak	Faculties of Gdańsk University of Technology, Faculty of Electrical and Control Engineering, Department of Biomechatronics	1. artificial neural networks 2. finite element method 3. periodic and aperiodic metamaterials 4. higher order theories for structural dynamics	Yes	Yes	**3**