

mechanical engineering IMP PAN

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	prof. dr hab. inż.	Paweł	Flaszyński	Institute of the Fluid-Flow Machinery, PAS , Department of Aerodynamics	<ol style="list-style-type: none"> 1. wind energy 2. wind turbine 3. wake steering 4. aeroelasticity 	Yes	Yes	3
2	dr hab.	Katarzyna	Grochowska	Institute of the Fluid-Flow Machinery, PAS , Department of Centre of Plasma and Laser Engineering	# oxide nanostructures # laser treatment # nanomaterials for water splitting and electrochemical sensors # photonic crystals	Yes	Yes	3
3	dr hab. inż.	Tomasz	Kaczmarczyk	Institute of the Fluid-Flow Machinery, PAS , Department of Turbine Dynamics and Diagnostics	<ol style="list-style-type: none"> 1. Microcogeneration 2. Heat exchange and heat exchangers 3. Nanofluids 4. Energy storage systems 	Yes	No	3
4	prof. dr hab. inż.	Dariusz	Kardaś	Institute of the Fluid-Flow Machinery, PAS , Department of Flow and Combustion	# Micro Brayton Cycle # Thermodynamics and Energy Systems # Digital Twin and System-Level Modeling # Numerical Simulation and Optimization	Yes	Yes	3
5	prof. dr hab. inż.	Alicja	Krella	Institute of the Fluid-Flow Machinery, PAS , Department of Erosion Processes	# cavitation erosion # surface modification # fracture # degradation mechanism	Yes	Yes	3

6	dr hab. inż.	Paweł	Kudela	Institute of the Fluid-Flow Machinery, PAS , Department of Mechanics of Intelligent Structures	# Nondestructive Testing # Guided Waves # Laser Excitation # Scanning Laser Doppler Vibrometry	Yes	Yes	3
7	dr hab.	Katarzyna	Majewska	Institute of the Fluid-Flow Machinery, PAS , Department of Mechanics of Intelligent Structures Department	1. # structural health monitoring and non-destructive 2. testing # material characterization 3. # experimental methods 4. # additive manufacturing	Yes	Yes	3
8	dr hab.	Paweł	Malinowski	Institute of the Fluid-Flow Machinery, PAS , Department of Mechanics of Intelligent Structures Department	1. structural health monitoring 2. nondestructive evaluation 3. electromechanical impedance 4. laser vibrometry	Yes	Yes	3
9	prof. dr hab. inż.	Jacek	Pozorski	Institute of the Fluid-Flow Machinery, PAS , Department of Hydrodynamics	1. fluid mechanics 2. turbulence 3. multiphase flow 4. computational methods	Yes	Yes	3
10	prof. dr hab. inż.	Katarzyna	Siuzdak	Institute of the Fluid-Flow Machinery, PAS , Department of The Centre for Plasma and Laser Engineering	1. functional electrode materials 2. energy conversion and storage 3. sensing nanostructures 4. electrochemical diagnostics	Yes	Yes	3