automation, electronics, electrical engineering and space technologies

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.	Mikołaj	Bartłomiejczyk	Faculties of Gdańsk University of Technology, Faculty of Electrical and Control Engineering, Department of Electrified Transportation	1. Electric bus 2. Urban transport 3. Electromobility 4. Electric vehicles	Yes	Yes	**3**
2	prof. dr hab. inż.	Adrian	Bekasiewicz	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Teleinformation Networks	1. Numerical optimization 2. Antenna engineering 3. Measurement post-processing 4. indoor localization	Yes	Yes	**3**
3	prof. dr hab. inż.	Robert	Bogdanowicz	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Optoelectronics	1. electronic sensors 2. optical and electrochemical sensors 3. semiconductors synthesis 4. electrical properties of semiconductors	Yes	Yes	**3**
4	prof. dr hab. inż.	Stanisław	Czapp	Faculties of Gdańsk University of Technology, Faculty of Electrical and Control Engineering, Department of Electrical Power Engineering	1. power systems 2. protection against electric shock 3. residual current devices 4. earth fault loop impedance	Yes	No	**3**

5	dr hab. inż.	Michał	Czubenko	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Decision Systems and Robotics	1. robotics 2. cognitive 3. artificial intelligence 4. neural networks	Yes	Yes	**3**
6	dr hab. inż.	Marcin	Gnyba	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Optoelectronics	1. photonics 2. Raman spectroscopy 3. optical fibres 4. in-situ monitoring	Yes	Yes	**2**
7	dr hab. inż.	Michał	Grochowski	Faculties of Gdańsk University of Technology, Faculty of Electrical and Control Engineering, Department of Intelligent and Decision Support Systems	1. machine learning 2. decision support systems 3. fault detection and diagnosis 4. knowledge acquiring	Yes	No	**3**
8	prof. dr hab. inż.	Jarosław	Guziński	Faculties of Gdańsk University of Technology, Faculty of Electrical and Control Engineering, Department of Electric Drives and Energy Conversion	1. Electric drives 2. Power electronics 3. Sensorless drives 4. Multiphase drives	Yes	Yes	**2**
9	prof. dr hab. inż.	Piotr	Jasiński	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Functional Materials Engineering	1. Electron technology 2. Energy conversion 3. Functional materials 4. Gaś sensors	Yes	Yes	**3**
10	prof. dr hab. inż.	Zdzisław	Kowalczuk	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Intelligent Interactive Systems	1. Artificial intelligence & decision making 2. Cognitive & robotic systems design 3. Control & diagnostic systems design 4. Optimization, modeling, and identification	Yes	Yes	**3**

11	dr hab. inż.	Adam	Lamęcki	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Microwave and Antenna Engineering	1. passive microwave components 2. computational electromagnetics 3. computer aided design 4. finite element method	Yes	Yes	**3**
12	dr hab. inż.	Arkadiusz	Lewicki	Faculties of Gdańsk University of Technology, Faculty of Electrical and Control Engineering, Department of Electric Drives and Energy Conversion	1. Modulation 2. Multilevel converters 3. dead time 4. multiphase converters	Yes	Yes	**3**
13	dr hab. inż.	Michał	Michna	Faculties of Gdańsk University of Technology, Faculty of Electrical and Control Engineering, Department of Power Electronics and Electrical Machines	1. electric machines 2. transformers 3. FEM model and simulation 4. diagnostic	Yes	Yes	**3**
14	dr hab. inż.	Sebastian	Molin	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Functional Materials Engineering	1. electronic materials 2. electrical conductors 3. novel materials 4. fuel cells	Yes	Yes	**3**
15	prof. dr hab. inż.	Marcin	Morawiec	Faculties of Gdańsk University of Technology, Faculty of Electrical and Control Engineering, Department of Electric Drives and Energy Conversion	1. control system 2. state estimation 3. electrical machine 4. renawable energy	Yes	Yes	**3**
16	prof. dr hab. inż.	Michał	Mrozowski	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Microwave and Antenna Engineering	1. microwave filters and sensors 2. computational electromagnetics 3. gap waveguide technoloty 4. desingn-by-optimization	Yes	Yes	**3**

17	dr hab. inż.	Piotr	Musznicki	Faculties of Gdańsk University of Technology, Faculty of Electrical and Control Engineering, Department of Power Electronics and Electrical Machines	1. electromagetic compability 2. digital twin 3. power converters 4. wide gap transistors	Yes	Yes	**3**
18	dr hab. inż.	Robert	Piotrowski	Faculties of Gdańsk University of Technology, Faculty of Electrical and Control Engineering, Department of Intelligent and Decision Support Systems	1. modelling 2. control 3. optimisation 4. wastewater treatment plant	Yes	No	**3**
19	prof. dr hab. inż.	Grzegorz	Redlarski	Faculties of Gdańsk University of Technology, Faculty of Electrical and Control Engineering, Department of Biomechatronics	1. Artificial Intelligence 2. Image Analysis 3. Applications supporting the work of doctors 4. Management in the healthcare system	Yes	No	**3**
20	dr hab. inż.	Jacek	Skibicki	Faculties of Gdańsk University of Technology, Faculty of Electrical and Control Engineering, Department of Electrified Transportation	1. electric traction vehicles 2. measurement systems 3. vehicle energy menagement 4. contact lines	Yes	No	**3**
21	prof. dr hab. inż.	Janusz	Smulko	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Metrology and Electronic Systems Department	1. sensors 2. quantum sensors 3. gas sensors 4. signal processing	Yes	No	**3**
22	dr hab. inż.	Michał	Sobaszek	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Optoelectronics	1. Semiconducting carbon materials/electrodes 2. Semiconducting metal oxides, mixed metal oxides 3. p-type and n-type semiconductors, memristors 4. CVD, PVD	Yes	Yes	**3**

23	dr hab. inż.	Tomasz	Stefański	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Decision Systems and Robotics	1. Mathematical and Computer Modelling 2. Circuits and Systems 3. Signal Processing 4. Electromagnetics	Yes	No	**3**
24	prof. dr hab. inż.	Małgorzata	Szczerska	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Optoelectronics	1. photonics 2. optical metrology 3. fiber optic sensor 4. interferometry	Yes	Yes	**3**
25	dr hab. inż.	Jarosław	Tarnawski	Faculties of Gdańsk University of Technology, Faculty of Electrical and Control Engineering, Department of Intelligent and Decision Support Systems	1. Magnetic signatures 2. Mathematical modeling 3. Optimization-based control 4. Degaussing systems	Yes	No	**3**
26	dr hab. inż.	Marek	Turzyński	Faculties of Gdańsk University of Technology, Faculty of Electrical and Control Engineering, Department of Power Electronics and Electrical Machines	1. power electronics 2. soft-switched converters and inverters 3. modeling and simulation 4. electric drives	Yes	Yes	**3**
27	dr hab. inż.	Paweł	Wierzba	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Optoelectronics	1. polarization interferometry 2. polarization microscopy 3. optical sensing 4. low-coherence sources	Yes	No	**2**
28	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**