

information and communication technology

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 opieką 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.	Sławomir	Ambroziak	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Radiocommunication Systems and Networks	<ol style="list-style-type: none"> 1. Radio wave propagation in untypical environments 2. Radio channel measurements and modelling 3. Radio channel modelling for Body Area Networks 4. Radiocommunication for special applications 	Yes	Yes	1
2	prof. dr hab. inż.	Adrian	Bekasiewicz	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Teleinformation Networks	<ol style="list-style-type: none"> 1. Numerical optimization 2. Antenna engineering 3. Measurement post-processing 4. indoor localization 	Yes	Yes	3
3	dr hab.	Marcin	Ciecholewski	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Geoinformatics	<ol style="list-style-type: none"> 1. computer vision 2. medical image analysis 3. machine learning/deep learning 4. remote sensing 	Yes	Yes	3
4	dr hab. inż.	Paweł	Czarnul	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Computer Architecture	<ol style="list-style-type: none"> 1. high performance computing 2. parallel programming 3. green computing 4. algorithm design, analysis and optimization 	Yes	Yes	3
5	prof. dr hab. inż.	Andrzej	Czyżewski	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Multimedia Systems	<ol style="list-style-type: none"> 1. Machine Learning 2. Natural Language Processing (NLP) 3. Neural Networks 4. Man-machine Interaction 	Yes	No	3

6	prof. dr hab. inż.	Dariusz	Dereniowski	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Algorithms and Systems Modelling	<ol style="list-style-type: none"> 1. graph algorithms 2. discrete optimization 3. theoretical computer science 4. mobile agent computing 	Yes	No	3
7	prof. dr hab. inż.	Bożena	Kostek	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Audio Acoustics Laboratory	<ol style="list-style-type: none"> 1. intelligent speech and music processing 2. machine learning/deep learning 3. multimodal processing 4. explainable AI 	Yes	No	3
8	dr hab. inż.	Józef	Kotus	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Multimedia Systems	<ol style="list-style-type: none"> 1. sound intensity 2. spatial filtration 3. speech processing 4. acoustic measurements 	Yes	Yes	3
9	dr hab. inż.	Agnieszka	Landowska	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Software Engineering	<ol style="list-style-type: none"> 1. affective computing 2. user experience 3. accessibility 4. emotion recognition 	Yes	Yes	3
10	dr hab. inż.	Piotr	Mironowicz	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Algorithms and Systems Modelling	<ol style="list-style-type: none"> 1. quantum cryptography 2. quantum computing 3. graph theory 4. numerical methods 	Yes	Yes	3
11	dr hab. inż.	Jerzy	Proficz	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Computer Architecture	<ol style="list-style-type: none"> 1. Energy efficiency 2. Performance-energy optimization 3. Energy-aware processing 4. High Performance Computing 	Yes	No	2
12	dr hab. inż.	Jacek	Rak	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Computer Communications	<ol style="list-style-type: none"> 1. Resilience of networked systems 2. Disaster-resilience of communication networks 3. Network resource optimization 4. Resilience of 5G+ networks 	Yes	Yes	3

13	prof. dr hab. inż.	Jacek	Rumiński	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Biomedical Engineering	<ol style="list-style-type: none"> 1. artificial intelligence 2. human-system interaction 3. image processing 4. active assisted living 	Yes	Yes	3
14	dr hab. inż.	Piotr	Szczuko	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Multimedia Systems	<ol style="list-style-type: none"> 1. computer vision 2. explainability 3. multimedia processing 4. multimodal large language models 	Yes	No	3
15	dr hab. inż.	Joanna	Szłapczyńska	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Computer Architecture	<ol style="list-style-type: none"> 1. Multi-Objective Optimisation (MOO) 2. AI in maritime transport 3. MultiCriteria Decision Making (MCDM) 4. Decision Support System (DSS) 	Yes	Yes	3
16	dr hab. inż.	Rafał	Szłapczyński	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Naval Architecture, Division of Applied Computer Science	<ol style="list-style-type: none"> 1. Multi-Objective Meta-Heuristics 2. Multi-Criteria Decision Making 3. Decision Support Systems 4. Prediction and classification problems 	Yes	Yes	3
17	dr hab. inż.	Grzegorz	Szwoch	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Multimedia Systems	<ol style="list-style-type: none"> 1. signal processing 2. audio analysis and processing 3. multimedia systems 4. acoustics 	Yes	No	3
18	dr hab. inż.	Julian	Szymański	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Computer Architecture	<ol style="list-style-type: none"> 1. NLP 2. data analysis 3. neural networks 4. IOT 	Yes	Yes	3