

## physical sciences

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.	<a href="#">Jan</a>	<a href="#">Franz</a>	Faculties of Gdańsk University of Technology, Faculty of Applied Physics and Mathematics, Institute of Physics and Applied Computer Science	<ol style="list-style-type: none"> <li>1. Cold ion-atom collisions</li> <li>2. Scattering resonances (Feshbach and shape)</li> <li>3. Relativistic scattering theory</li> <li>4. Electron-positron interactions</li> </ol>	Yes	Yes	3
2	prof. dr hab.	<a href="#">Julien</a>	<a href="#">Guthmuller</a>	Faculties of Gdańsk University of Technology, Faculty of Applied Physics and Mathematics, Institute of Physics and Applied Computer Science	<ol style="list-style-type: none"> <li>1. Computational molecular physics</li> <li>2. Electronic structure of molecules</li> <li>3. Absorption, emission and Raman spectroscopies</li> <li>4. Electron transfer</li> </ol>	Yes	No	3
3	dr hab. inż.	<a href="#">Marta</a>	<a href="#">Łabuda</a>	Faculties of Gdańsk University of Technology, Faculty of Applied Physics and Mathematics, Institute of Physics and Applied Computer Science	<ol style="list-style-type: none"> <li>1. Molecular physics and chemistry</li> <li>2. Molecular dynamics</li> <li>3. Computational methods and tools</li> <li>4. AI for molecular processes</li> </ol>	Yes	No	3
4	dr hab.	<a href="#">Paweł</a>	<a href="#">Możejko</a>	Faculties of Gdańsk University of Technology, Faculty of Applied Physics and Mathematics	<ol style="list-style-type: none"> <li>1. electron-molecule scattering</li> <li>2. cell damage induced by ionizing radiation</li> <li>3. electron-impact induced ionization</li> <li>4. astrochemistry and astrobiology</li> </ol>	Yes	Yes	1

5	prof. dr hab.	<a href="#">Józef</a>	<a href="#">Sienkiewicz</a>	Vice-Rector For Partnerships	<ul style="list-style-type: none"> <li>1. Quantum computing</li> <li>2. Structures and properties of atoms and diatoms</li> <li>3. Electron/positron scattering from atoms</li> <li>4. Quantum evolution</li> </ul>	Yes	Yes	3
6	dr hab. inż.	<a href="#">Jędrzej</a>	<a href="#">Szmytkowski</a>	Faculties of Gdańsk University of Technology, Faculty of Applied Physics and Mathematics, Institute of Physics and Applied Computer Science	<ul style="list-style-type: none"> <li>1. photovoltaics</li> <li>2. solar cells</li> <li>3. organic electronics</li> <li>4. molecular physics</li> </ul>	Yes	No	3
7	dr hab. inż.	<a href="#">Małgorzata</a>	<a href="#">Śmiątek-Telega</a>	Faculties of Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Naval Architecture, Division of Automation and Marine Energy	<ul style="list-style-type: none"> <li>1. absorption spectroscopy</li> <li>2. photoelectron spectroscopy</li> <li>3. greenhouse effect</li> <li>4. radiation damage</li> </ul>	Yes	Yes	2
8	dr hab.	<a href="#">Tomasz</a>	<a href="#">Wąsowicz</a>	Faculties of Gdańsk University of Technology, Faculty of Applied Physics and Mathematics, Institute of Physics and Applied Computer Science	<ul style="list-style-type: none"> <li>1. new experimental techniques</li> <li>2. excitation, ionization and dissociation</li> <li>3. collisions</li> <li>4. spectroscopy</li> </ul>	Yes	No	3