

Prospective supervisor's form

Name of the su

Academic title:

Orcid ID number: [https://orcid.org/0000-](https://orcid.org/0000-0003-0244-0571)

Gdańsk University of Technology Faculty of

Department of

Phone: +48

E-mail:

Personal web page: [https://pg.edu.pl/](https://pg.edu.pl/web/d7b0a6a743_pawel.mozejko)

Discipline¹

Optional

Key words (obligatory four key words describing research interests / expertise):

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Bibliometric indicators

1. Number of journal publications in WoS/ Scopus

2. Citations excluding self-citations WoS Scopus

3. Hirsch index WoS Scopus

1. The number of PhD students who have graduated under your supervision:

2. The number of PhD students currently supervised:

a. within the current doctoral school

b. within doctoral studies (previous syste

3. Are you currently accepting new PhD students:

a. Polish Yes/No

b. Foreign Yes/No

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Research interests or topics offered for PhD research (no more than 2000 characters)ⁱⁱ

Low- and intermediate-energy electron scattering from molecules.
 (ii) Total cross section measurements for electron scattering from molecular targets in 0.5-300 eV collision energy range.
 (iii) Cross section calculations for electron-impact induced collisional processes: elastic scattering, ionization, dissociative electron attachment ect.
 (iv) Resonant electron scattering from molecules - experiments and theory.

Funding or special equipment needed to carry out a PhD project ⁱⁱⁱ:

1. Is funding available for experimental work: *Yes/No/not needed*

2. Is the equipment needed to complete a PhD project
 available in your lab/department: *Yes/No/not needed*

Most important publications – no more than 5 published after 1.01.2018

No	Authors/title/journal	Number of points according to the current list of the Ministry of Science and Higher Education	Publication year
1.	Paweł Możejko, Sylwia Stefanowska, Elżbieta Ptasińska-Denga and Czesław Szmytkowski "Electron scattering from tin tetrachloride (SnCl ₄) molecules" J. Chem. Phys. 151 (2019) 064305	100	2019
2.	Sylwia Stefanowska-Tur, Paweł Możejko, Elżbieta Ptasińska-Denga and Czesław Szmytkowski "Electron collisions with X(CH ₃) ₄ molecules (X=C,Si,Ge)" J. Chem. Phys. 150 (2019) 094303	100	2019

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3.	Czesław Szmytkowski, Sylwia Stefanowska, Natalia Tańska, Bożena Żywicka, Elżbieta Ptasińska-Denga, Paweł Możejko "Cross sections for electron collision with pyridine [C ₅ H ₅ N] molecule" Mol. Phys. 117 (2019) 395-403	70	2019
4.	Czesław Szmytkowski, Sylwia Stefanowska, Elżbieta Ptasińska-Denga, Paweł Możejko "Cross sections for electron-scattering from 2-methyl-1-buten-3-yne, C ₅ H ₆ , molecules" J. Electron Spectrosc. Relat. Phenom. 222 (2018) 24-30	70	2018
5.			

Most recent externally funded projects you were involved in – no more than 3

No	Project title, the name of the Principal Investigator (PI) and the institution the project was carried out	Years	Role in the project ^{iv}
1.			PI
2.			PI
3.			PI

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Additional relevant information – (no more than 1600 characters)^v



- ⁱ You may select up to two disciplines out of 12 disciplines represented in the Doctoral School
- ⁱⁱ Observe the limit of not more than 2000 characters
- ⁱⁱⁱ Leave only one answer
- ^{iv} Select the role in the project: PI stands for principal investigator (refers to the holder of an independent grant and the lead researcher for the grant project), Co-I for co-investigator (Co-I assists the principal investigator in the management and leadership of the research project), R for researcher
- ^v Add any other relevant information e.g. awards for PhD students whom you supervised (no more than 1600 characters)