

Prospective supervisor's form

Name of the supervisor: Jerzy Pluciński

Academic title: PhD, DSc EE, prof. PG

Orcid ID number: <https://orcid.org/0000-0001-5166-8957>

Gdańsk University of Technology Faculty of Electronics, Telecommunications and Informatics

Department of Metrology and Optoelectronics

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Personal web page: <https://pg.edu.pl/>

Discipline: control, electronic and electrical engineering none

Optional

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

optoelectronics

photonics

laser technics

optical coherence tomography (OCT)

Bibliometric indicators

1. Number of journal publications in WoS/ Scopus 53/58

2. Citations excluding self-citations WoS 168 Scopus 137

3. Hirsch index WoS 8 Scopus 8

1. The number of PhD students who have graduated under your supervision: 2

2. The number of PhD students currently supervised:

a. within the current doctoral school 0

b. within doctoral studies (previous system) 3

3. Are you currently accepting new PhD students:

a. Polish Yes/No Yes

b. Foreign Yes/No Yes

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

He has research interests in optoelectronics and photonics, optics of highly scattering materials, optical coherence tomography, low-coherence interferometry, optical fiber sensors, and laser technics.

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

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

No

2. Is the equipment needed to complete a PhD project

available in your lab/department: *Yes/No/not needed*

Yes

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.	Sobaszek M., Strąkowski M., Skowroński Ł., Katarzyna S., Mirosław S., Własny I., Wymolek A., Wieloszyńska A., Pluciński J., Bogdanowicz R.: In-situ monitoring of electropolymerization processes at boron-doped diamond electrodes by Mach-Zehnder interferometer. <i>Sensors and Actuators B-chemical</i> , Vol. 304, iss. 2020 (2019), DOI:10.1016/j.snb.2019.107315	140	2020
2.			

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3.			
4.			
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.	Grant MNiSW Nr 3 T11B 009 27 zatytułowany „Niskokoherentne metody diagnostyki struktur warstwowych”	2005-2007	PI
2.	Grant MNiSW Nr N N515 335636 zatytułowany „Rozwój optycznej niskokoherentnej tomografii polaryzacyjnej (PS-OCT) dla badań obiektów technicznych”	2009-2011	PI
3.	Grant NCBiR Nr POIR.01.01.01-00-1672/15-00 zatytułowany „Przeprowadzenie prac badawczych w zakresie nowej technologii laserowego spiekania proszków metali w zastosowaniu do drukowania obiektów 3D”	2016-2020	R

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

Two PhD students defended their works with distinction.

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)