

Prospective supervisor's form

Name of the supervisor:

Academic title:

Orcid ID number: [https://orcid.org/0000-](https://orcid.org/0000-0001-6488-7489)

Faculty of

Gdańsk University of Technology Department of

Phone: +48

E-mail:

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

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

Main research activities: the issues of active dynamic thermography (ADT), use of thermography in medical diagnostics - in cardiosurgery, burns diagnostics, postoperative wound healing and other medical applications. Use of machine learning techniques in thermal image analysis. The research also includes problems related to image processing and AAL - Ambient Assisted Living supporting technology. Development of wereables sensors and smart homes technology.

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.	Kwasniewska, Alicja;Ruminski, Jacek;Szankin, Maciej;Kaczmarek, Mariusz; Super-resolved thermal imagery for high-accuracy facial areas detection and analysis ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE VOLUME 87	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.	UDA-POIG.01.03.01-22-139/09-05 - Domowy asystent osób starszych i chorych (DOMESTIC - Home assistant system of the elderly and the sick)	2009-2014	R
2.	NCN UMO- 30 2011/03/B/ST7/03423; Opracowanie nowych deskryptorów obrazowania w podczerwieni dla obiektywnej oceny gojenia ran pooperacyjnych (Development of new descriptors infrared imaging for the objective assessment of post-operative wound healing)	2012-2015	R
3.	AAL2/4/Ella4Life/2019 - Ella4Life your Virtual Personal Assistant for home and on the road, AAL Programme	2019-2021	PI

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

<https://www.scopus.com/authid/detail.uri?authorId=57102868400>
<https://mostwiedzy.pl/pl/mariusz-kaczmarek,16553-1>

- 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)