

Prospective supervisor's form

Name of the supervisor: Sławomir Jerzy Ambroziak

Academic title: dr hab. inż. (Ph.D., D.Sc.)

Orcid ID number: <https://orcid.org/0003-4446-853X>

Gdańsk University of Technology Faculty of Electronics, Telecommunications and Informatics

Department of Radio Communication Systems and Networks

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Discipline: technical informatics and telecommunicator none

Optional

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

Telecommunications

Radio Communication

Radio Wave Propagation

Wireless Body Area Networks

Bibliometric indicators

1. Number of journal publications in WoS/ Scopus 29 / 44

2. Citations excluding self-citations WoS 35 Scopus 60

3. Hirsch index WoS 4 Scopus 6

1. The number of PhD students who have graduated under your supervision: 0

2. The number of PhD students currently supervised:

a. within the current doctoral school 0

b. within doctoral studies (previous system) 0

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

1. Radio wave propagation.
 2. Radio channel measurements and modelling.
 3. Wireless Body Area Networks.
 4. Radio systems and networks for special applications.

Funding or special equipment needed to carry out a PhD projectⁱⁱⁱ:

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.	Ferreira M., Ambroziak S.J., Cardoso F., Sadowski J., Correia L.M. "Fading Modeling in Maritime Container Terminal Environments" IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY	140	2018
2.	Cardoso F., Kosz P.T., Ferreira M., Ambroziak S.J., Correia L.M. "Fast Fading Characterization for Body Area Networks in Circular Metallic Indoor Environments" IEEE ACCESS	100	2020

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3.	Cwalina K., Ambroziak S.J., Rajchowski P. "An Off-Body Narrowband and Ultra-Wide Band Channel Model for Body Area Networks in a Ferryboat Environment" APPLIED SCIENCE-BASEL	70	2018
4.	Cwalina K., Ambroziak S.J., Rajchowski P., Sadowski J., Stefański J. "A Novel Bitrate Adaptation Method for Heterogeneous Wireless Body Area Networks" APPLIED SCIENCE-BASEL	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.	"Przenośne urządzenie do wytwarzania kurtyny elektromagnetycznej" PI: dr hab. inż. Sławomir J. Ambroziak, prof. PG Gdańsk University of Technology	2016-2019	PI
2.	"Innowacyjna metoda lokalizowania statków powietrznych w rozproszonym systemie VCS" PI: prof. dr hab. inż. Jacek Stefański Gdańsk University of Technology	2017-2020	R
3.	"System i urządzenia do zdalnego monitoringu położenia osób w środowiskach zamkniętych" PI: dr hab. inż. Jarosław Sadowski, prof. PG Gdańsk University of Technology	2013-2016	R

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

n/a

- 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)