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**Discipline<sup>i</sup>** Technical informatics and telecommunications

**Bibliometric indicators**

1.	Number of journal publications in WoS/ Scopus	50 (Wos)
2.	Citations (WoS/Scopus) excluding self-citations	112 (Wos)
3.	Hirsch index (WoS/Scopus)	7 (WoS)
4.	Hirsch index in Google Scholar	13
5.	Citations in Google Scholar	413

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

2. The number of PhD students currently supervised: 3

3. Are you currently accepting new PhD students:

- a. Polish Yes
- b. Foreign Yes

**Research interests or topics offered for PhD research (no more than 2000 characters)<sup>ii</sup>**

Research topics for PhD research, in most general terms, are within the area of theoretical computer science, with special focus on algorithms, with potential applications. More precisely, these include two specific areas. The first one covers widely understood searching in graph-modeled spaces of an unknown target elements by performing queries. These problems are usually some natural extensions, modifications or generalizations of the classical binary search problems, and find interesting applications, e.g., in machine learning. The second area is mobile agent computing, which is a part of a wider area of distributed computing. In this setting, mobile agents operate in some environment (either geometric or graph-modeled) in order to solve some tasks, like leader election, gathering, exploration etc.

PhD Advisor form

**Funding or special equipment needed to carry out a PhD project<sup>iii</sup>:**

1. Is funding available for experimental work: Not applicable
2. Is the equipment needed to complete a PhD project available in your lab/department: Not applicable

**Most recent publications in WoS/SCOPUS journal – no more than 5 published after 1.01.2017**

No	Authors/title/journal	Journal IF/Quartile – for WoS and SNIP/ CiteScore for SCOPUS	Publication year
1.	Shantanu Das, Dariusz Dereniowski, Christina Karousatou: Collaborative Exploration of Trees by Energy-Constrained Mobile Robots. Theory Comput. Syst. 62(5): 1223-1240 (2018)	0.458	2018
2.	Dariusz Dereniowski, Wieslaw Kubiak: Shared processor scheduling. J. Scheduling 21(6): 583-593 (2018)	1.153	2018
3.	Dariusz Dereniowski, Wieslaw Kubiak: Shared multi-processor scheduling. European Journal of Operational Research 261(2): 503-514 (2017)	3.428	2017
4.	Jurek Czyzowicz, Dariusz Dereniowski, Leszek Gasieniec, Ralf Klasing, Adrian Kosowski, Dominik Pajak: Collision-free network exploration. J. Comput. Syst. Sci. 86: 70-81 (2017)	1.497	2017
5.			

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

No	Project title, the name of the Princ. Investigator (PI) and the institution the project was carried out	Year awarded	Role in the project
1.	Title: "Searching graph structures", Principal Inverstigator: Dariusz Dereniowski, Intitution: Faculty of Electronics, Telecommunications and Informatics, Gdansk University of Technology.	2016	PI
2.			Wybierz element.
3.			Wybierz element.

PhD Advisor form

**Additional relevant information – (no more than 1600 characters)<sup>iv</sup>**

(Please fill in here)

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- 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 300 words
  - iii Leave only one answer
  - iv Add any other relevant information eg. awards for PHD students whom you supervised (no more than 200 words)