PhD Advisor form

Name of the advisor: Piotr J. Chrzan

Academic title: Professor, Ph.D., D.Sc., Eng.

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Department of Power Electronics and Electrical Machines

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Discipline[i] Control, electronics and electrical engineering

Bibliometric indicators

1.	Number of journal publications in WoS/ Scopus	9/11
2.	Citations (WoS/Scopus) excluding self-citations	90/157
3.	Hirsch index (WoS/Scopus)	5/6
4.	Hirsch index in Google Scholar	10
5.	Citarions in Google Scholar	362

1. The number of PhD students who have graduated under your supervision: 5
2. The number of PhD students currently supervised: 1
3. Are you currently accepting new PhD students:
   a. Polish No
   b. Foreign Yes

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

EMC-Optimized converters using power GaN devices; Voltage and frequency regulation of a standalone induction generators for renewable energy system development; Battery energy storage and management systems; Embedded systems modeling, design and analysis.

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

1. Is funding available for experimental work: Yes
2. Is the equipment needed to complete a PhD project available in your lab/department: Yes

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.	M.Turzyñski, P.J.Chrzan, "Resonant DC Link Inverters for AC Motor Drive Systems – Critical Evaluation," Bulletin of the Polish Academy of Sciences. Technical Sciences, to be publish	5-year IF: 1.238	2019
2.	M.Kolincio, P.J.Chrzan, P.Musznicki, "Multi-transformer primary-side regulated flyback converter for supplying isolated IGBT and MOSFET drivers," Published in: IEEE Transactions on Industrial Electronics (Early Access), DOI: 10.1109/TIE.2019.2898592	IF: 7.05	(fill in)
3.	(Please fill in here)	(Please fill in here)	(fill in)
4.	(Please fill in here)	(Please fill in here)	(fill in)
5.	(Please fill in here)	(Please fill in here)	(fill in)

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.	(Please fill in here)	(fill in)	Wybierz element.
2.	(Please fill in here)	(fill in)	Wybierz element.

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3.	(Please fill in here)	(fill in)	Wybierz element.

Additional relevant information – (no more than 1600 charters)[iv]

I have supervised 6 doctorates, including defence of 3 with honors.

[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)