

# Marcin Jaraczewski

Academic degrees: doctor habilitatus in Electrical Engineering

Position: Professor of CUT

Engineering - technical field

Discipline Automation, electronics and electrical engineering

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## Academic qualifications:

Not applicable

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## Membership in professional and academic boards :

Association of Polish Electrical Engineers

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## Academic merits :

Scientific achievements include 42 scientific publications, published by the publishers: Elsevier, Polska Akademia Nauk, and other publications issued by the magazines: IEEE Xplore, Technical Transactions - Electrical Engineering and Przegląd Elektrotechniczny, Archives of Electrical Engineering.

He has obtained two patent applications P.415108 and P.415109.

In addition to theoretical electrical engineering, he conducts research in such areas as: electromagnetic field, design of mechanical MR dampers, signal processing in PLC controllers and heat flow modeling.

He is a consultant in the field of cooperation between the building automation system and the Polon-Alfa system.

He carried out his own research 'Multi-port matching circuits-computer simulations'

In 2017, on his initiative, the Building Automation Laboratory was established at the Faculty of Electrical and Computer Engineering, which he co-founded.

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## Professional qualifications/language skills

Electrical qualifications / English - very good, French, Italian - basic

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## Research field :

He conducts research in the following fields: circuit theory, digital signal processing, electromagnetic field, building automation systems.

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## Address

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## Useful links :

Publications – <https://suw.biblos.pk.edu.pl/userHomepage&uid=465&rel=BPP-author>