

First name and surname of supervisor Jerzy Szczepanik

Academic degrees :

2018 - Title of habilitated doctor Silesian University of Technology

2000- Doctor of Philosophy in Electrical Engineering
Royal Melbourne Institute of Technology, Melbourne, Australia

1995- Master of Science in Electrical Engineering by research
Monash University, Clayton Campus, Australia

1985- Master of Science in Electrical Engineering
Specialization, Electrical Machine Construction
AGH University of Science and Technology in Krakow

Position :

profesor of Cracow Technical University

Engineering - technical field:

Electric power engineering

Discipline Automation, electronics and electrical engineering

Academic qualifications:

Member of the Scientific Council of the WIEiK Faculty

Member of the College of the WIEiK Faculty

Chairman of the Examination Committee – Master's degree studies, 2nd cycle – Energy

Membership in professional and academic boards :

SEP member circle 75

SEP authorization to operate devices up to 110kV

SEP authorization to perform measurements with LV test transformers

SEP authorizations E and D

Academic merits :

Authorship of two individual monographs, authorship or co-authorship of 78 publications published in journals and conference materials (national and international), 6 unpublished scientific papers and studies for external units and patents - two granted and a patent application.

Presentation of 14 (4 before obtaining the academic degree of doctor) papers at national and international scientific conferences

Supervision of a doctoral thesis and over 70 master's and engineering theses

Professional qualifications/language skills

Knowledge of English - ability to write work in English

Research field :

The area of my current research includes broadly understood problems of power flow in power systems, both in dynamic and steady states. I also conduct research and construction of device models (real models) used in the power system to regulate power flow in the network and transmission lines, as well as research related to the introduction of new standards to power supply systems used in industry. Currently, my research interests also include issues related to the construction of energy storage systems, the impact of renewable sources on the country's

energy balance, and problems related to the quality of electricity. I am also currently the supervisor of two doctoral theses on topics related to grounding transformers, modern integration of protection in industry, and building automation.

Address

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Useful links :
