



ACADEMIC TEACHER PROFESSIONAL EXPERIENCE

DOCTORAL SCHOOL OF WROCLAW UNIVERSITY OF SCIENCE AND TECHNOLOGY

1. Basic information

Name, surname:	Radomír Goňo
Grade / Title:	prof. Ing. / Ph.D.
Scientific discipline	automatyka, elektronika, elektrotechnika i technologie kosmiczne / control, electronic, electrical engineering and space technologies
Faculty:	W5 Wydział Elektryczny / Faculty of Electrical Engineering
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Link to home page and/or research profiles (Google Scholar, ResearchGate, etc.)	https://orcid.org/0000-0003-1125-3305

2. Publication record

Up to 10 most important papers published over the period of previous 10 years.

No.	Description (authors, publication title, journal / conference, DOI)	Publication year
1.	Kanakaraj Parangusam, Ramesh Lekshmana, Tomáš Goňo, Radomír Goňo, Evolution of a Summer Peak Intelligent Controller (SPIC) for Residential Distribution Networks, <i>Energies</i> , 10.3390/en16186681	2023
2.	Yang Zhang, Radomír Goňo, Michal Jasiński, An Improvement in Dynamic Behavior of Single Phase PM Brushless DC Motor Using Deep Neural Network and Mixture of Experts, <i>IEEE Access</i> , 10.1109/ACCESS.2023.3289409	2023
3.	Matouš Vrzala, Radomír Goňo, Břetislav Stacho, Semen Lukianov, Voltage Drop Estimation during Shore Connection with the Use of Motor Drives Modified as Static Frequency Converters, <i>Processes</i> , 10.3390/pr11071894	2023
4.	Michal Kotulla, Miroslava Goňo, Radomír Goňo, Matouš Vrzala, Zbigniew Leonowicz, Iwona Kłosok-Bazan, Joanna Boguniewicz-Zablocka, Renewable Energy Sources as Backup for a Water Treatment Plant. <i>Energies</i> , 10.3390/en15176288	2022
5.	Matouš Vrzala, Miroslava Goňo, Radomír Goňo, Michal Kotulla, Małgorzata Wzorek, Zbigniew Leonowicz, Distributed Generation Power Systems in Wastewater Management, <i>Energies</i> , 10.3390/en15176283	2022
6.	Alexander Vinogradov, Vadim Bolshev, Alina Vinogradova, Michał Jasiński, Tomasz Sikorski, Zbigniew Leonowicz, Radomír Goňo, Elżbieta Jasińska, Analysis of the Power Supply Restoration Time after Failures in Power Transmission Lines, <i>Energies</i> , 10.3390/en13112736	2020
7.	Vadim Bolshev, Alexander Vinogradov, Michał Jasiński, Tomasz Sikorski, Zbigniew Leonowicz, Radomír Goňo, Monitoring the Number and Duration of Power Outages and Voltage Deviations at Both Sides of Switching Devices, <i>IEEE Access</i> , 10.1109/ACCESS.2020.3011836	2020
8.	Dung Vo Tien, Radomír Goňo, Zbigniew Leonowicz, A multifunctional dynamic voltage restorer for power quality improvement, <i>Energies</i> , 10.3390/en11061351	2018



9.	Radim Briš, Petr Byczanski, Radomír Goňo, Stanislav Rusek, Discrete maintenance optimization of complex multi-component systems, Reliability engineering and system safety, 10.1016/j.ress.2017.04.008	2017
10.	Radomír Goňo, Michal Krátký, Stanislav Rusek, Analysis of Distribution Network Failure Databases, Przegląd elektrotechniczny, ISSN 0033-2097	2010

3. Projects and grants

List of the most important 5 projects/grants with basic description including: title, source(s) of funding, name of the call, role in the project (e.g., principal investigator).

1.	Role in the project (e.g., principal investigator, work package leader, etc.)	principal investigator
	Project title	Control system for the use of lower capacity batteries from BEVs for RES energy storage
	Sources of funding	Technology Agency of the Czech Republic
	Name of the call	Program TREND
	Implementation period	2024 - 2026
2.	Role in the project (e.g., principal investigator, work package leader, etc.)	principal investigator
	Project title	Extension of the graduates competencies in the areas of sustainable electrical power engineering and environment
	Sources of funding	European Regional Development Fund
	Name of the call	program Interreg V-A Czech Republic - Poland 11_17_027
	Implementation period	2019 - 2022
3.	Role in the project (e.g., principal investigator, work package leader, etc.)	principal investigator
	Project title	Czech-German Summer University on Energy
	Sources of funding	Českoněmecký fond budoucnosti
	Name of the call	2017
	Implementation period	2018
4.	Role in the project (e.g., principal investigator, work package leader, etc.)	principal investigator
	Project title	Visegrad 4 Electric Power Engineering
	Sources of funding	International Visegrad Fund
	Name of the call	Small Grants
	Implementation period	2017
5.	Role in the project (e.g., principal investigator, work package leader, etc.)	principal investigator
	Project title	The Formation and Analysis of the Failure and Planned Outage Databases for Reliability Evaluation of Electrical Power Devices
	Sources of funding	Grant Agency of the Czech Republic
	Name of the call	Postdoctoral call 2001
	Implementation period	2002 - 2004



4. International experience

Brief description of international cooperation and experience (e.g., research stays, cooperation with foreign entities, coordination or participation in international projects or programmes, keynote speeches and presentations delivered at renowned international conferences, visiting professor stays, invited lectures).

No.	Description	Year(s)
1.	Research stay, Akita University, Department of Electrical and Electronic Engineering, Japan	2005
2.	Participation in solution of the international project FP5: Safety and Reliability of Industrial Products, Systems and Structures	2002-2006
3.	Technical experience in Israel Electric Company, corp., electrical department of power station, Israel	1998

5. Experience in teaching doctoral students

Brief description of experience in teaching doctoral students (e.g., courses in doctoral schools and PhD studies, summer/winter schools for doctoral students, tutorials, trainings, etc.).

No.	Description	Year(s)
1.	Guarantee of doctoral study subjects	from 2010
2.	Member of committee for state examinations and defence of scientific theses, supervisor of the Doctoral study program for Electrical Power Engineering study field	from 2009
3.	Vice-chairman of doctoral studies board at FECS VŠB-TUO, member of doctoral studies board at FECC Brno University of Technology, member of doctoral studies committee at FEEIT University of Žilina, Slovakia, member of committee for state examinations and defence of scientific theses at FEE, University of West Bohemia	from 2009

6. List of supervised doctoral students

List of all supervised doctoral students that defended the PhD including: name of the student, dissertation title, year of awarding PhD.

No.	Name, surname	Dissertation title	Year of awarding PhD
1.	Matouš Vrzala	Application of Modern Substation Control Systems in Relation to Reliable Electric Power Supply	2023
2.	Michal Kotulla	An atypical solution of substation with regard to the reliability of electricity supply	2022
3.	Martin Král	Small Hydro Power Plants in Water Supply System	2021

7. Prizes and awards

The most important national and international prizes and awards related to research, development and teaching activities.

No.	Description	Year
1.	Rector award for excellent results in the scientific research	2010, 2011



2.	Grant Japan MIF - recipient of the MIF Fellowship	2005
3.	Cena ČEZ - Award for third-best Ph.D. Thesis	2000

8. Other significant achievements

Information on other significant achievements related to research, development and teaching activities.

Membership - IEEE Senior Member, CIRED