



ACADEMIC TEACHER PROFESSIONAL EXPERIENCE

DOCTORAL SCHOOL OF WROCLAW UNIVERSITY OF SCIENCE AND TECHNOLOGY

1. Basic information

Name, surname:	Katarzyna Maciejowska
Grade / Title:	PhD, Adiunkt
Scientific discipline	nauki o zarządzaniu i jakości / management and quality studies
Faculty:	W8 Wydział Zarządzania / Faculty of Management
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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.	Unijewski B., K. Maciejowska, <i>LASSO principal component averaging: A fully automated approach for point forecast pooling</i> , International Journal of Forecasting, doi: 10.1016/j.ijforecast.2022.09.004	2022
2.	Maciejowska K., <i>A portfolio management of a small RES utility with a Structural Vector Autoregressive model of German electricity markets</i> , Operations Research and Decisions, DOI: 10.37190/ord220405	2022
3.	Maciejowska K., W. Nitka, T. Weron (2021) <i>Enhancing load, wind and solar generation for day-ahead forecasting of electricity prices</i> , Energy Economics 99, 105273, (doi: 10.1016/j.eneco.2021.105273)	2021
4.	Maciejowska K. (2020) <i>Assessing the impact of renewable energy sources on the electricity price level and variability - a quantile regression approach</i> , Energy Economics 85, 104532, (doi: 10.1016/j.eneco.2019.104532)	2020
5.	Maciejowska K. U. Unijewski, T. Serafin(2020) <i>PCA forecast averaging - predicting day-ahead and intraday electricity prices</i> , Energies 13(14), 3530, (doi: 10.3390/en13143530)	2020
6.	Maciejowska K., W. Nitka, T. Weron (2019) <i>Day-ahead vs. intraday - forecasting the price spread to maximize economic benefits</i> , Energies 21(4), 631, (doi: https://doi.org/10.3390/en12040631)	2019
7.	Maciejowska K. J. Nowotarski, R. Weron (2016) <i>PCA forecast averaging - predicting day-ahead and intraday electricity prices.</i> , International Journal of Forecasting 32(3), 957-965, (doi: 10.1016/j.ijforecast.2014.12.004)	2016
8.	Maciejowska K. R. Weron (2016) <i>Short- and mid-term forecasting of baseload electricity prices in the U.K : the impact of intra-day price relationships and market fundamentals</i> , IEEE Transactions on Power Systems 31(2), 994-1005, (doi: 10.1109/TPWRS.2015.2416433)	2016
9.	Maciejowska K., J. Nowotarski (2016) <i>A hybrid model for GEFCom2014 probabilistic electricity price forecasting</i> , International Journal of Forecasting 32(3), 1051-1056, (doi: 10.1016/j.ijforecast.2015.11.008)	2016



10.	Maciejowska K., R. Weron (2015) <i>Forecasting of daily electricity prices with factor models : utilizing intra-day and inter-zone relationships</i> Computational Statistics 30(3), 805-819, (doi: 10.1007/s00180-014-0531-0)	2015
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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	Short-term forecasting of intraday electricity prices
	Sources of funding	NCN
	Name of the call	Sonata BIS
	Implementation period	2020-2025
2.	Role in the project (e.g., principal investigator, work package leader, etc.)	Principal investigator
	Project title	Structural analysis of wholesale electricity market with SVAR models: Assessment of effects of renewable energy sources on the level and variability of electricity prices
	Sources of funding	NCN
	Name of the call	Sonata
	Implementation period	2017-2020
3.	Role in the project (e.g., principal investigator, work package leader, etc.)	Colaborator
	Project title	Probabilistic forecasting of electricity prices and demand for risk management purposes
	Sources of funding	NCN
	Name of the call	OPUS
	Implementation period	2016-2019
4.	Role in the project (e.g., principal investigator, work package leader, etc.)	Investigator
	Project title	Economic consequences of consumer opinion formation and decision making: Agent-based modeling of innovation diffusion
	Sources of funding	NCN
	Name of the call	OPUS
	Implementation period	2014-2017
5.	Role in the project (e.g., principal investigator, work package leader, etc.)	Investigator
	Project title	<i>Development of a platform allowing for aggregation of production and regulatory potential of dispersed renewable energy sources and energy storage, and selected categories of controllable loads</i>
	Sources of funding	NCBiR
	Name of the call	POIR



Implementation period	2017-2020
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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.	PhD studies in European University Institute, Florence	2005-2010
2.		
3.		

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.	Statystyka i prognozowanie	2019-2022
2.	Introduction to statistics and forecasting	2022/2023
3.	Advances of statistics and forecasting	2022/2023

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.	Jakub Nowotarski	Forecast averaging as a method to mitigate risks related to decision making in an energy company	2017
2.	Bartosz Uniejewski	Forecasting wholesale electricity prices to support decision-making in power companies: Use of regularization and forecast combinations	2023
3.			

7. Prizes and awards

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

No.	Description	Year
1.	Scholarship from Center for Economic Research and Graduate Education – Economics Institute (CERGE-EI; Praga, Czechy)	2013-2015
2.		
3.		

8. Other significant achievements



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