



## ACADEMIC TEACHER PROFESSIONAL EXPERIENCE

### DOCTORAL SCHOOL OF WROCLAW UNIVERSITY OF SCIENCE AND TECHNOLOGY

#### 1. Basic information

Name, surname:	Zbigniew Michna
Grade / Title:	prof. dr hab. inż. (prof. PhD habilitation engineer)
Scientific discipline	Management Science and Quality
Faculty:	<b>Faculty of Management</b>
Email address:	zbigniew.michna@pwr.edu.pl
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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.	On Berman Functions K Dębicki, E Hashorva, Z Michna Methodology and Computing in Applied Probability 26 (1), 2	2024
2.	Sojourn times of Gaussian and related random fields Debicki K., Hashorva E., Liu P., Michna Z. ALEA, Lat. Am. J. Probab. Math. Stat 20, 249--289	2023
3.	On the continuity of Pickands constants K Dębicki, E Hashorva, Z Michna Journal of Applied Probability 59 (1), 187-201	2022
4.	Simultaneous ruin probability for two-dimensional Brownian risk model K Dębicki, E Hashorva, Z Michna Journal of Applied Probability 57 (2), 597-612	2020
5.	Ruin probabilities for two collaborating insurance companies Z Michna Probability and Mathematical Statistics 40 (2), 369-386	2020
6.	The impact of stochastic lead times on the bullwhip effect under correlated demand and moving average forecasts Z Michna, SM Disney, P Nielsen Omega 93, 102033	2020
7.	The impact of stochastic lead times on the bullwhip effect—a theoretical insight Z Michna, P Nielsen, IE Nielsen Production & Manufacturing Research 6 (1), 190-200	2018



8.	Lead times -their behavior and the impact of planning and control in supply chains P Nielsen, Z Michna, BB Sørensen, NDA Dung Management and Production Engineering Review 8 (4), 30-40	2017
9.		
10.		

### 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	Modelling supply chains with stochastic lead time. Forrester effect - causes and methods of reduction.
	Sources of funding	
	Name of the call	National Centre of Science (NCN)
	Implementation period	2013 - 2015
2.	Role in the project (e.g., principal investigator, work package leader, etc.)	
	Project title	
	Sources of funding	
	Name of the call	
	Implementation period	
3.	Role in the project (e.g., principal investigator, work package leader, etc.)	
	Project title	
	Sources of funding	
	Name of the call	
	Implementation period	
4.	Role in the project (e.g., principal investigator, work package leader, etc.)	
	Project title	
	Sources of funding	
	Name of the call	
	Implementation period	
5.	Role in the project (e.g., principal investigator, work package leader, etc.)	
	Project title	
	Sources of funding	
	Name of the call	
	Implementation period	



#### 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 student at Lunds University in the Department of Mathematical Statistics, received PhD in mathematical statistics November 1998	1996 - 1999
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.	Recent trends in management science	2023, 2022
2.	Prognozowanie gospodarcze (Economic forecasting) for PhD students at Wrocław University of Economics	2013, 2014
3.		

#### 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.			
2.			
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.	Rector Award of Wrocław University of Economics	2008
2.	Rector Award of Wrocław University of Economics	2009
3.	Rector Award of Wrocław University of Economics	2010, 2011, 2021

#### 8. Other significant achievements

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

