

CURRICULUM VITAE



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Born: June 9, 1955 in Přerov, Czech Republic

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EDUCATION AND DEGREES

2003	habilitation (doc.) in the field of Applied Mathematics University of Ostrava
1991	Candidate (CSc.) of Economy Science Institute of Economy, Czech Academy of Sciences, Prague
1979	Doctor of Nature Science (RNDr.) in the field of Mathematical Analysis Palacký University, Olomouc
1974 - 1979	Mathematics, specialty in Numerical Methods Palacký University, Olomouc

EMPLOYMENT

1991 - now	Department of Mathematical Analysis and Applied Mathematics, Faculty of Science, Palacký University in Olomouc senior lecturer (1991-2003), docent (2003-now)
1979 - 1991	Přerov Machinery Company, Přerov assistant, research worker, senior research and development manager

ACADEMIC GOVERNMENT AND REPRESENTATION

2009 - now	a representative of Palacký University (PU) at the congress of Council of Higher Education Institutions (vice-chairman, since 2012 chairwoman of a task group for the higher education quality and its assessment)
2011 - now	a member of Academic Senate of PU (a member of the economy committee)
2008 - now	a member of Academic Senate at Faculty of Science of PU (a member of legislative committee)

RESEARCH AND TEACHING AT THE UNIVERSITY

- Research primarily in the field of theory and methods of multiple-criteria evaluation, and theory and applications of fuzzy sets.
- Development of the study program of Applied Mathematics at Faculty of Science of Palacký University in Olomouc. Teaching courses in theory and methods of decision-making, theory and applications of fuzzy sets.

PARTICIPATION IN PROJECTS OVER THE LAST FIVE YEARS

- Chief manager of the project OP VK CZ.1.07/2.2.00/15.0243 *Streamlining the Applied Mathematics Studies at Faculty of Science of Palacký University in Olomouc*, 2010-2013.
- Co-manager of the centralized developmental project *The pilot project of evaluating the output of creative artistic work in view of determining VKM and B3 indexes for Schools and Faculties of Arts*, 2011-2012.
- An expert of IPN OP VK *Securing and assessing quality in tertiary education*, 2010-2012 – testing a constructed model of academic staff evaluation.
- A team member in the projects of Internal Grant Agency (IGA) of Palacký University: *Mathematical and Informatical Models and Structures* (2010), *Mathematical Models and Structures* (2011, 2012).

LIST OF PUBLICATIONS OVER THE LAST FIVE YEARS

BOOKS:

- GROHOVÁ, E., HLAVÁČEK, L., KOLÁŘ, M., KOLEČEK, M., TALAŠOVÁ, J., STOKLASA, J. & VOJTĚCHOVSKÝ, M.: *Kritika krásy (A critique of beauty)*, UJEP, Ústí nad Labem, 2011, ISBN 978-80-7414-305-2

CHAPTERS IN BOOKS:

- HOLEČEK, P., TALAŠOVÁ, J., MÜLLER, I.: Fuzzy Methods of Multiple-Criteria Evaluation and Their Software Implementation. *Cross-Disciplinary Applications of Artificial Intelligence and Pattern Recognition: Advancing Technologies* (editors Mago V. K., Bhatia N.), IGI Global 2012, pp. 388-411, ISBN13: 9781613504291, DOI: 10.4018/978-1-61350-429-1.
- TALAŠOVÁ, J., STOKLASA, J. & HOLEČEK, P.: Registr uměleckých výkonů a hodnocení výsledků tvůrčí činnosti (Registry of artistic performances and evaluation of output of creative work) in *Registr uměleckých výstupů 2 (Registry of Artistic Output 2*, editor Zelinský, M.), NAMU, Praha, 2012, pp.17-28, ISBN 978-80-7331-231-2.

ARTICLES IN IMPACTED JOURNALS:

- STOKLASA, J., TALAŠOVÁ, J., HOLEČEK, P.: Academic staff performance evaluation – variants of models, *Acta Polytechnica Hungarica* 8 (3), 2011, p. 91 – 111, ISSN 1785-8860.

- BEBČÁKOVÁ, I., HOLEČEK, P., TALAŠOVÁ, J.: On the application of the fuzzified Choquet integral to multiple criteria evaluation, *Acta Polytechnica Hungarica* 8 (3), 2011, p. 65 – 78, ISSN 1785-8860.
- ZEMKOVÁ, B., TALAŠOVÁ, J.: Fuzzy sets in HR Management. *Acta Polytechnica Hungarica* 8 (3), 2011, p. 113 – 124, ISSN 1785-8860.
- PAVLAČKA, O., TALAŠOVÁ, J.: Fuzzy vectors as a tool for modeling uncertain multidimensional quantities. *Fuzzy Sets and Systems*, 161, 2010, 1585-1603.
- BEBČÁKOVÁ, I., TALAŠOVÁ, J., PAVLAČKA, O.: Fuzzification of Choquet Integral and its application in multiple criteria decision making. *Neural network world*; Vol. 20, 2010, 125-137, ISSN 1210-0552

ARTICLES IN CONFERENCE PROCEEDINGS:

- STOKLASA, J., HOLEČEK, P. & TALAŠOVÁ, J.: A holistic approach to academic staff performance evaluation – a way to the fuzzy logic based evaluation, *Peer Reviewed Full Papers of the 8th International Conference on Evaluation for Practice “Evaluation as a Tool for Research, Learning and Making Things Better” A Conference for Experts of Education, Human Services and Policy, 18 – 20 June 2012, Pori, Finland*, Tampub, Pori, 2012, pp.121-131. ISBN 978-951-44-8859-7.
- COLLAN, M. STOKLASA, J., & TALAŠOVÁ, J.: Examples of Academic Faculty Evaluation Systems from the Czech Republic and Finland, *Peer Reviewed Full Papers of the 8th International Conference on Evaluation for Practice “Evaluation as a Tool for Research, Learning and Making Things Better” A Conference for Experts of Education, Human Services and Policy, 18 – 20 June 2012, Pori, Finland*, Tampub, Pori, 2012, pp. 111-120, ISBN 978-951-44-8859-7.
- HOLEČEK P., TALAŠOVÁ, J., STOKLASA J.: Fuzzy classification systems and their applications, *Proceedings of the 29th International Conference on Mathematical Methods in Economics 2011 – Part I*, Praha: VŠE Praha, 2011, pp. 266 – 271, ISBN 978-80-7431-058-4.
- ZEMKOVÁ, B., TALAŠOVÁ, J., HOLEČEK, P.: Fuzzy Model for Determining the Type of Worker, *Proceedings of the 29th International Conference on Mathematical Methods in Economics 2011 – Part II*, Praha: VŠE Praha, 2011, pp. 768 – 773, ISBN 978-80-7431-059-1.
- STOKLASA, J., TALAŠOVÁ, J.: Using linguistic fuzzy modeling for MMPI-2 data interpretation, *Proceedings of the 29th International Conference on Mathematical Methods in Economics 2011 – Part II*, Praha: VŠE Praha, 2011, pp. 653 – 658, ISBN 978-80-7431-059-1.
- TALAŠOVÁ, J., STOKLASA, J.: A model for evaluating creative work outcomes at Czech Art Colleges, *Proceedings of the 29th International Conference on Mathematical Methods in Economics 2011 – Part II*, Praha: VŠE Praha, 2011, pp. 698 – 703, ISBN 978-80-7431-059-1.
- BEBČÁKOVÁ, I., TALAŠOVÁ, J.: Fuzzified Choquet integral: a way to model interacting criteria in decision making. *Proceedings of the 28th International Conference on Mathematical Methods in Economics 2010* (Michal Houda, Jana Friebešlová, Eds.), České Budějovice, 2010, pp. 30-35, ISBN 978-80-7394-218-2.
- HOLEČEK, P., TALAŠOVÁ, J.: Designing Fuzzy Models of Multiple-Criteria Evaluation in FuzzME Software. *Proceedings of the 28th International Conference on Mathematical Methods in Economics 2010* (Michal Houda, Jana Friebešlová, Eds.). České Budějovice, 2010, pp. 250 – 256, ISBN 978-80-7394-218-2

- ZEMKOVÁ, B., TALAŠOVÁ, J.: Application of Fuzzy Sets in Human Resources Management, *Proceedings of the 28th International Conference Mathematical Methods in Economics 2010* (Michal Houda, Jana Friebešová, Eds.), České Budějovice, 2010, pp. 682 – 687, ISBN 978-80-7394-218-2
- TALAŠOVÁ, J., STOKLASA, J.: Fuzzy approach to academic staff performance evaluation. *Proceedings of the 28th International Conference on Mathematical Methods in Economics 2010*, České Budějovice, 2010, pp. 621-626, ISBN 978-80-7394-218-2
- TALAŠOVÁ, J., STOKLASA, J.: Assessing Academic Staff Performance Using Multiple Criteria Evaluation Models. *Lecture Notes in Management Science*; Vol. 2, 2010, *Proceedings of the 2nd International Conference on Applied Operational Research - ICAOR 2010*, August 2010, Turku, Finland, p. 205-207, ISSN 2008-0050
- HOLEČEK, P., TALAŠOVÁ, J.: The Software Support for Multiple-Criteria Evaluation – Various Types of Partial Evaluations Aggregation. *Lecture Notes in Management Science*. *Proceedings of the 2nd International Conference on Applied Operational Research* (Mikael Collan, Ed), Vol 2, 2010, pp. 1-5, ISSN 2008-0050
- BEBČÁKOVÁ, I., TALAŠOVÁ, J., ŠKOBRTAL, P.: *Interpretation of the MMPI-2 Test based on Fuzzy Set Techniques*. *Acta Universitatis Matthiae Belii ser. Mathematics*, 16, 2010, 5-16, ISBN 80-8083-039-8.
- ŠKOBRTAL, P., BEBČÁKOVÁ, I., TALAŠOVÁ, J.: *Využití fuzzy množin při interpretaci MMPI-2*. *Aktuální otázky pedagogiky, psychologie a výchovného poradenství V* (Šimíčková-Čížková, J., Kimplová, T., eds.), PdF OU, Ostrava 2009, 216-225, ISBN 978-80-7368-766-3.
- BEBČÁKOVÁ, I., TALAŠOVÁ, J. : *Interactions among Criteria as Modelled by Fuzzified Choquet Integral*. *Lecture Notes in Management Science*. *Proceedings of the 2nd International Conference on Applied Operational Research* (Mikael Collan, Ed), Vol 2, 2010, 19-23, ISSN 2008-0050
- PAVLAČKA, O., TALAŠOVÁ, J.: Application of Fuzzy Vectors of Normalized Weights in Decision Making Models. *Proceedings of 2009 IFSA World Congress and 2009 Eusflat Conference*, 20-24 July, 2009, Lisbon, Portugal, 495-500, ISBN: 978-989-95079
- TALAŠOVÁ, J., HOLEČEK, P.: Multiple-Criteria Fuzzy Evaluation: The FuzzME Software Package. *Proceedings of 2009 IFSA World Congress and 2009 Eusflat Conference*, 20-24 July, 2009, Lisbon, Portugal, 681-686, ISBN: 978-989-95079
- PAVLAČKA, O., TALAŠOVÁ, J.: Application of the Fuzzy Weighted Average of Fuzzy Numbers in Decision Making Models. *New Dimension in Fuzzy Logic and Related Technologies. Vol. II.* (Eds. Štěpnička, M., Novák, V., Bedenhofer, U.). *Proceedings of the 5th EUSFLAT Conference*, Ostrava, Czech Republic, September 11-14, 2007. Ostravská univerzita, Ostrava, 2007, 455-462.

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