

# Lech Madeyski

## Curriculum Vitae

Wroclaw University of Science and Technology  
Faculty of Computer Science and Management  
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 LechMadeyski

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Home Page: <http://madeyski.e-informatyka.pl/>



## Bio

Lech Madeyski is Associate Professor and Founding Acting Head of the Department of Software Engineering at Wrocław University of Science and Technology, Poland. He is a member of the Committee on Informatics of the Polish Academy of Sciences and chair of the Software Engineering Section of the Committee. In 2017 he was a Visiting Researcher at Brunel University London, UK (invited by Prof. Tracy Hall). In 2016 he was a Visiting Professor at Blekinge Institute of Technology, Sweden (according to the Journal of Systems and Software, *BITH* is ranked first within the EU in systems and software engineering). In 2014 he was a Visiting Researcher at Keele University, UK (invited by Prof. Barbara Kitchenham). His research focus is on software engineering, empirical software engineering, data science in software engineering and reproducible research. He is Founding Co-Editor-in-Chief of the *e-Informatica Software Engineering Journal*, Guest Co-Editor of the special issue on "Enhancing Credibility of Empirical Software Engineering" in the *Information and Software Technology journal* (Elsevier), and was one of the founders of the International Conference on Evaluation of Novel Approaches to Software Engineering (ENASE). He has been involved in many international conferences and workshops, either as a PC member (e.g., EASE, PROFES, PROMISE, XP, MUTATION, ENASE) or chair and the steering committee member (KKIO). He has published papers in prestigious journals including, e.g., *IEEE Transactions on Software Engineering*, *Empirical Software Engineering*, *Information and Software Technology*, *Software Quality Journal*, *IET Software*, *Journal of Intelligent and Fuzzy Systems*, *Cybernetics and Systems*, *Software Process: Improvement and Practice*, and a book *Test-Driven Development - An Empirical Evaluation of Agile Practice* (focused on statistical analyses and meta-analysis of experiments) published by Springer.

## Research Interests

Software Engineering, Empirical Software Engineering, Reproducible Research, Evidence-Based Software Engineering, Software Quality, Agile Methodologies, Data Science in Software Engineering, Machine Learning, Statistical Analyses, Meta-Analyses, Bayesian statistics, Search-Based Software Engineering

## Education and Degrees

Nov 8, 2011 **Habilitation (D.Sc.) in Computer Science**, Wrocław University of Technology, Faculty of Computer Science and Management, POLAND.



Springer

Habilitation monograph: Lech Madeyski. *Test-Driven Development: An Empirical Evaluation of Agile Practice*. Foreword by Prof. Claes Wohlin. (Heidelberg, London, New York): Springer, 2010. ISBN: 978-3-642-04287-4. DOI: 10.1007/978-3-642-04288-1. URL: <http://dx.doi.org/10.1007/978-3-642-04288-1>

Nov 30, 1999 **PhD in Computer Science**, Wrocław University of Technology, Faculty of Computer Science and Management, POLAND.

PhD Thesis: *Methods for Computing K-Terminal Network Reliability*

July 7, 1994 **MSc in Computer Science - Computer Systems and Networks**, Wrocław University of Technology, Faculty of Electronics, POLAND.

July 2, 1992 **MSc in Computer Science - Microprocessor and Microcomputer Systems**, Wrocław University of Technology, Faculty of Electronics, POLAND.

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## Appointments



- 2016– **Acting Head of the Software Engineering Department (26 persons incl. 1 full professor, 4 associate professors)**, *Wroclaw University of Science and Technology*, Faculty of Computer Science and Management, POLAND <http://io.pwr.edu.pl/>.
-  2017 **Visiting Researcher**, *Brunel University London*, College of Engineering, Design and Physical Sciences, Department of Computer Science, UK.  
Invitation by Prof. Tracy Hall
- 2016–2017 **Visiting Professor**, *Blekinge Institute of Technology*, Department of Software Engineering, Sweden.  
 Invitation by Prof. Jürgen Börstler
- 2016–2019 **Head of the Software Engineering Section of the Committee on Informatics of the Polish Academy of Sciences**, POLAND.  

- 2016–2019 **Member of the Committee on Informatics of the Polish Academy of Sciences**, POLAND.  

- 2015–2016 **Head of the Software Engineering Lab (me + 12 persons incl. 1 full professor, 4 assistant professors, 3 docents, 1 assistant, 3 senior lecturers)**, *Wroclaw University of Technology*, Faculty of Computer Science and Management, POLAND.
- 2014– **Associate Professor (Profesor nadzwyczajny)**, *Wroclaw University of Technology*, Faculty of Computer Science and Management, POLAND.
- 2014, 2017 **Visiting Scholar**, *Keele University*, School of Computing and Mathematics, UK.  
 Invitation by Prof. Barbara Kitchenham
- 2011–2014 **Ass. Professor with Habilitation**, *Wroclaw University of Technology*, Faculty of Computer Science and Management, POLAND.
- 2000–2011 **Assistant Professor**, *Wroclaw University of Technology*, Faculty of Computer Science and Management, POLAND.
- 1998–2000 **Assistant**, *Wroclaw University of Technology*, Faculty of Computer Science and Management, POLAND.
- 2011–now **Co-Editor-in-Chief**, *e-Informatica Software Engineering Journal*, <http://www.e-informatyka.pl/wiki/e-Informatica>.
- 2007–2011 **Associate Editor-in-Chief**, *e-Informatica Software Engineering Journal*, <http://www.e-informatyka.pl/wiki/e-Informatica>.
- 2004–2006 **Lecturer, Professor**, *Higher School of Management in Częstochowa*.
- 2001–2002 **Consultant**, *Project Management Team Ltd, Wroclaw, POLAND*, (part-time position).
- 2000–2001 **Consultant**, *eProject S.A., Wroclaw, POLAND*, (part-time position).

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## Visiting Professor / Visiting Researcher

-  2017 Visiting Researcher at Brunel University London, UK. Invitation by Prof. Tracy Hall
- 2016–2017 Visiting Professor at Blekinge Institute of Technology, Sweden. Invitation by Prof. Jürgen Börstler. BTH is among the world's most outstanding higher education institutions within software engineering. In systems and software engineering, BTH is ranked sixth in the world and first within the EU, according to the Journal of Systems and Software.  


2014-2017 Visiting Scholar at Keele University, Hunton, UK. Invitation by Prof. Barbara Kitchenham



## Invited Lectures/Speeches

September 28, 2017 Invited lecture ("Towards More Credible Empirical Software Engineering Research") at Brunel University London, College of Engineering, Design and Physical Sciences, Department of Computer Science. Invitation by Prof. Martin Shepperd and Tracy Hall (Head of the Department).



July 3-5, 2017 Keynote "Towards More Credible Empirical Research" (see <http://www.inista.org/keynote-madeyski.php>) at 2017 IEEE International Conference on INnovations in Intelligent SysTems and Applications (INISTA 2017). INISTA'2017 Keynote Speakers: Prof. Kuo-Ming Chao ("Big Open Linked Data"), Prof. Roman Słowiński ("Constructive preference learning via robust ordinal regression"), Prof. Jacek M. Żurada ("Towards Better Understanding of Data: Sparse Coding, Additive Features, Perceptrons and Constrained Autoencoders") and me <http://www.inista.org/keynote-speakers.php>.



October 12, 2016 Invited lecture ("Empirical Software Engineering Research from the Trenches") at Committee on Informatics of the Polish Academy of Sciences, Poland. Invitation by Prof. Roman Słowiński (Head of the Committee).



July 2, 2014 Invited lecture ("Reproducible Research from the Trenches - How I do reproducible research including interactive presentations by example") at School of Computing and Mathematics, Keele University, UK. Invitation by Prof. Barbara Kitchenham.



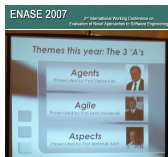
June 25, 2014 Invited lecture ("Reproducible Research from the Trenches – How I do reproducible research by example") at CREST (Centre for Research on Evolution Search & Testing)/SSE (Software Systems Engineering Group), UCL (University College London), London, UK. Invitation by Prof. Mark Harman.



September 20, 2013 Invited speech ("Mutation Testing – selected issues") at KKIO Software Engineering Conference in Poland. Invitation by Prof. Jerzy Nawrocki and Prof. Zbigniew Huzar.



July 23, 2007 Invited speech with Wojciech Biela ("Advocatus Diaboli Forum prosecution and judgement on agile-oriented software engineering") at Advocatus Diaboli Forum at ENASE'07 (Evaluation of Novel Approaches to Software Engineering) conference in Barcelona, Spain. Invitation by Prof. Leszek Maciaszek



September 20, 2006 Invited speech ("Advocatus Diaboli Walk Through eXtreme Programming") with Wojciech Biela at Advocatus Diaboli Forum at ENASE'06 (Evaluation of Novel Approaches to Software Engineering) in Erfurt, Germany. Invitation by Prof. Leszek Maciaszek. Other Advocatus Diaboli invited speakers were: Prof. Mehmet Aksit, Prof. Brian Henderson-Sellers, Prof. Ulrich Eisenecker, and Prof. Giuseppe Berio.



## Publications and Citations

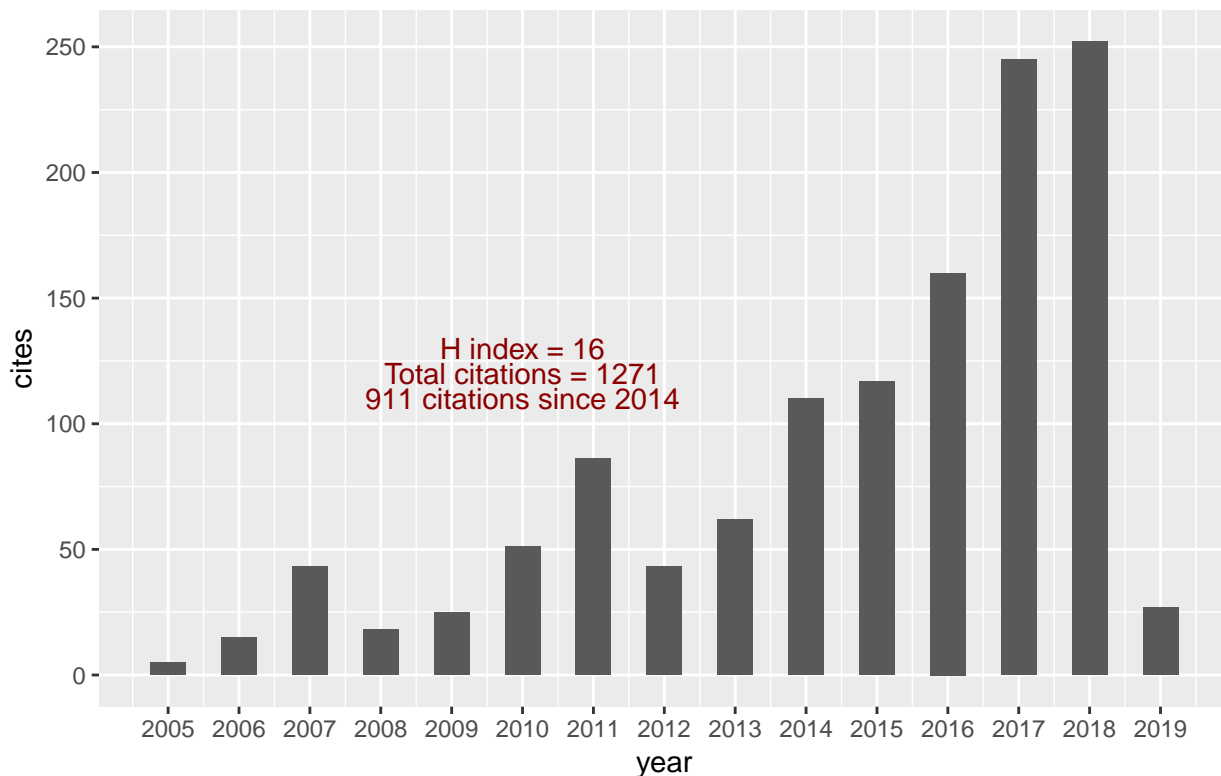
**Google Scholar** My publication record includes a monograph (published by Springer), journal papers (e.g., in IEEE Transactions on Software Engineering), as well as conference papers. Most of them are available via Google Scholar (<http://scholar.google.com/citations?user=qmX546sAAAAJ>)

H index in Google Scholar 16

Citations in 1271

Google  
Scholar:

### Citations per year



**Scopus** See my profile <https://www.scopus.com/authid/detail.uri?authorId=1404522090>

Citations in 667 total citations by 455 documents

Scopus:


H index in 13

Scopus:

#### Publications

1. 2018 Lech Madeyski and Barbara Kitchenham. "Effect Sizes and their Variance for AB/BA Crossover Design Studies". In: *Empirical Software Engineering* 23.4 (2018), pp. 1982–2017. DOI: 10.1007/s10664-017-9574-5. URL: <http://doi.org/10.1007/s10664-017-9574-5> [1 citation] [BibTeX]
2. 2018 Lech Madeyski and Barbara Kitchenham. "Effect Sizes and their Variance for AB/BA Crossover Design Studies". In: *Proceedings of the ACM/IEEE 40th International Conference on Software Engineering*. ACM, 2018, p. 420. DOI: 10.1145/3180155.3182556. URL: <https://doi.org/10.1145/3180155.3182556> [BibTeX]
3. 2018 Lech Madeyski, Barbara Kitchenham, and Krzysztof Wnuk. "Introduction to the special section on Enhancing Credibility of Empirical Software Engineering". In: *Information and Software Technology* 99 (2018), pp. 118–119. ISSN: 0950-5849. DOI: <https://doi.org/10.1016/j.infsof.2018.04.002>. URL: <https://www.sciencedirect.com/science/article/pii/S0950584918300557> [BibTeX]
4. 2018 Lech Madeyski and Mirosław Ochodek. "Introduction to the Special Issue on Software Engineering Methods, Tools and Products Improvement and Evaluation". In: *Foundations of Computing and Decision Sciences* 43.4 (2018), pp. 247–250. DOI: 10.1515/fcds-2018-0013. URL: <https://content.sciendo.com/view/journals/fcds/43/4/article-p247.xml> [BibTeX]


5. 2018 Jarosław Hryszko and Lech Madeyski. "Cost Effectiveness of Software Defect Prediction in an Industrial Project". In: *Foundations of Computing and Decision Sciences* 43.1 (2018), pp. 7–35. DOI: 10.1515/fcds-2018-0002 [BibTeX]
6. 2018 Barbara Kitchenham, Lech Madeyski, and François Curtin. "Corrections to effect size variances for continuous outcomes of cross-over clinical trials". In: *Statistics in Medicine* 37.2 (2018), pp. 320–323. DOI: 10.1002/sim.7379. URL: <http://madeyski.e-informatyka.pl/download/KitchenhamMadeyskiCurtinSIM.pdf> [2 citations] [BibTeX]
7. 2018 Lech Madeyski and Marcin Kawalerowicz. "Continuous Test-Driven Development: A Preliminary Empirical Evaluation using Agile Experimentation in Industrial Settings". In: *Towards a Synergistic Combination of Research and Practice in Software Engineering*. Vol. 733. Studies in Computational Intelligence. Springer, 2018, pp. 105–118. DOI: 10.1007/978-3-319-65208-5\_8. URL: <http://madeyski.e-informatyka.pl/download/MadeyskiKawalerowicz18.pdf> [BibTeX]
8. 2018 Piotr Kosiuczenko and Lech Madeyski, eds. *Towards a Synergistic Combination of Research and Practice in Software Engineering*. Vol. 733. Studies in Computational Intelligence. Springer, 2018. DOI: 10.1007/978-3-319-65208-5. URL: <https://www.springer.com/978-3-319-65207-8> [BibTeX]
9. 2017 Piotr Kosiuczenko, Lech Madeyski, Mirosław Ochodek, and Andrzej Paszkiewicz, eds. *Software Engineering Research for the Practice*. Oficyna Wydawnicza Politechniki Rzeszowskiej, 2017. URL: [http://kkio.pti.org.pl/2017/wp-content/uploads/2017/10/Software\\_Engineering\\_Research\\_for\\_the\\_Practice.pdf](http://kkio.pti.org.pl/2017/wp-content/uploads/2017/10/Software_Engineering_Research_for_the_Practice.pdf) [BibTeX]
10. 2017 Lech Madeyski, Piotr Kosiuczenko, and Marek Bolanowski, eds. *Inżynieria oprogramowania i systemy czasu rzeczywistego: od badań do praktycznych zastosowań*. Oficyna Wydawnicza Politechniki Rzeszowskiej, 2017. URL: [http://kkio.pti.org.pl/2017/wp-content/uploads/2016/03/Inzynieria\\_oprogram\\_i\\_scr\\_od\\_badan\\_do\\_praktycznych\\_zast\\_FIN.pdf](http://kkio.pti.org.pl/2017/wp-content/uploads/2016/03/Inzynieria_oprogram_i_scr_od_badan_do_praktycznych_zast_FIN.pdf) [BibTeX]
11. 2017 Lech Madeyski and Marcin Kawalerowicz. "Continuous Defect Prediction: The Idea and a Related Dataset". In: *14th International Conference on Mining Software Repositories May 20-21, 2017. Buenos Aires, Argentina*. 2017, pp. 515–518. DOI: 10.1109/MSR.2017.46. URL: <http://madeyski.e-informatyka.pl/download/MadeyskiKawalerowiczMSR17.pdf> [3 citations] [BibTeX]
12. 2017 Barbara Kitchenham, Lech Madeyski, David Budgen, Jacky Keung, Pearl Brereton, Stuart Charters, Shirley Gibbs, and Amnart Pohthong. "Robust Statistical Methods for Empirical Software Engineering". In: *Empirical Software Engineering* 22.2 (2017), pp. 579–630. DOI: 10.1007/s10664-016-9437-5. URL: <http://link.springer.com/content/pdf/10.1007%2Fs10664-016-9437-5.pdf> [70 citations] [BibTeX]
13. 2017 Lech Madeyski and Barbara Kitchenham. "Would Wider Adoption of Reproducible Research be Beneficial for Empirical Software Engineering Research?" In: *Journal of Intelligent & Fuzzy Systems* 32.2 (2017), pp. 1509–1521. DOI: 10.3233/JIFS-169146. URL: <http://madeyski.e-informatyka.pl/download/MadeyskiKitchenham17JIFS.pdf> [11 citations] [BibTeX]
14. 2017 Quang Vu Nguyen and Lech Madeyski. "Addressing mutation testing problems by applying multi-objective optimization algorithms and higher order mutation". In: *Journal of Intelligent & Fuzzy Systems* 32 (2017), pp. 1173–1182. DOI: 10.3233/JIFS-169117. URL: <http://madeyski.e-informatyka.pl/download/NguyenMadeyski17JIFS.pdf> [6 citations] [BibTeX]
15. 2017 Lech Madeyski and Marcin Kawalerowicz. "Software Engineering Needs Agile Experimentation: A New Practice and Supporting Tool". In: *Software Engineering: Challenges and Solutions*. Vol. 504. Advances in Intelligent Systems and Computing. Springer, 2017, pp. 149–162. ISBN: 978-3-319-43606-7. DOI: 10.1007/978-3-319-43606-7\_11. URL: [http://dx.doi.org/10.1007/978-3-319-43606-7\\_11](http://dx.doi.org/10.1007/978-3-319-43606-7_11) [7 citations] [BibTeX]

16. 2017 Jarosław Hryszko and Lech Madeyski. "Assessment of the Software Defect Prediction Cost Effectiveness in an Industrial Project". In: *Software Engineering: Challenges and Solutions*. Ed. by Lech Madeyski, Michał Śmiałek, Bogumiła Hnatkowska, and Zbigniew Huzar. Vol. 504. Advances in Intelligent Systems and Computing. Springer, 2017, pp. 77–90. ISBN: 978-3-319-43606-7. DOI: 10.1007/978-3-319-43606-7\_6. URL: [http://dx.doi.org/10.1007/978-3-319-43606-7\\_6](http://dx.doi.org/10.1007/978-3-319-43606-7_6) [5 citations] [BibTeX]
17.  2017 Lech Madeyski, Michał Śmiałek, Bogumiła Hnatkowska, and Zbigniew Huzar, eds. *Software Engineering: Challenges and Solutions*. Vol. 504. Advances in Intelligent Systems and Computing. Springer, 2017. DOI: 10.1007/978-3-319-43606-7. URL: <http://www.springer.com/gp/book/9783319436050> [BibTeX]
18. 2016 Marek Majchrzak and Lech Madeyski. "Factors influencing user story estimations: an industrial interview and a conceptual model". In: *Central and Eastern European Journal of Management and Economics* 4.4 (Dec. 2016), pp. 261–280. URL: [http://ceejme.eu/wp/wp-content/uploads/2016/12/ceejme\\_4\\_6\\_art\\_01.pdf](http://ceejme.eu/wp/wp-content/uploads/2016/12/ceejme_4_6_art_01.pdf) [BibTeX]
19. 2016 Tomasz Gaweda, Ewa Nestorowicz, Oskar Wołk, Lech Madeyski, and Marek Majchrzak. "How to Improve Linking Between Issues and Commits for the Sake of Software Defect Prediction?" In: *Software Engineering: Improving Practice through Research*. Ed. by Bogumiła Hnatkowska and Michał Śmiałek. 2016, pp. 147–162. ISBN: 978-83-943248-2-7. URL: <http://madeyski.e-informatyka.pl/download/Gaweda16.pdf> [BibTeX]
20. 2016 Agnieszka Patalas, Wojciech Cichowski, Michał Malinka, Wojciech Stępnia, Piotr Maćkowiak, and Lech Madeyski. "Software Metrics in Boa Large-Scale Software Mining Infrastructure: Challenges and Solutions". In: *Software Engineering: Improving Practice through Research*. Ed. by Bogumiła Hnatkowska and Michał Śmiałek. 2016, pp. 131–146. ISBN: 978-83-943248-2-7. URL: <http://madeyski.e-informatyka.pl/download/Patalas16.pdf> [BibTeX]
21. 2016 Jarosław Hryszko, Lech Madeyski, Marta Dabrowska, and Piotr Konopka. "Defect Prediction with Bad Smells in Code". In: *Software Engineering: Improving Practice through Research*. Ed. by Bogumiła Hnatkowska and Michał Śmiałek. 2016, pp. 163–176. ISBN: 978-83-943248-2-7. URL: <http://madeyski.e-informatyka.pl/download/Hryszko16.pdf> [BibTeX]
22. 2016 Barbara Ann Kitchenham and Lech Madeyski. "Meta-Analysis". In: *Evidence-Based Software Engineering and Systematic Reviews*. Ed. by Barbara Ann Kitchenham, David Budgen, and Pearl Brerton. Boca Raton, FL, USA: CRC Press, 2016. Chap. 11, pp. 133–154. ISBN: 9781482228656 [BibTeX]
23. 2016 Quang Vu Nguyen and Lech Madeyski. "Empirical Evaluation of Multi-Objective Optimization Algorithms Searching For Higher Order Mutants". In: *Cybernetics and Systems* 47.1-2 (2016), pp. 48–68. DOI: 10.1080/01969722.2016.1128763. URL: <http://madeyski.e-informatyka.pl/download/NguyenMadeyski16CS.pdf> [13 citations] [BibTeX]
24. 2016 Quang Vu Nguyen and Lech Madeyski. "On the Relationship Between the Order of Mutation Testing and the Properties of Generated Higher Order Mutants". In: *Intelligent Information and Database Systems: 8th Asian Conference, ACIIDS 2016, Da Nang, Vietnam, March 14-16, 2016, Proceedings, Part I*. Ed. by Thanh Ngoc Nguyen, Bogdan Trawiński, Hamido Fujita, and Tzung-Pei Hong. Vol. 9621. Lecture Notes in Artificial Intelligence. Berlin Heidelberg: Springer Berlin Heidelberg, 2016, pp. 245–254. DOI: 10.1007/978-3-662-49381-6\_24. URL: <http://madeyski.e-informatyka.pl/download/NguyenMadeyski16b.pdf> [6 citations] [BibTeX]

25. 2016 Quang Vu Nguyen and Lech Madeyski. "Higher Order Mutation Testing to Drive Development of New Test Cases: An Empirical Comparison of Three Strategies". In: *Intelligent Information and Database Systems: 8th Asian Conference, ACIIDS 2016, Da Nang, Vietnam, March 14-16, 2016, Proceedings, Part I*. Ed. by Thanh Ngoc Nguyen, Bogdan Trawiński, Hamido Fujita, and Tzung-Pei Hong. Vol. 9621. Lecture Notes in Artificial Intelligence. Berlin Heidelberg: Springer-Verlag, 2016, pp. 235–244. DOI: 10.1007/978-3-662-49381-6\_23. URL: <http://madeyski.e-informatyka.pl/download/NguyenMadeyski16.pdf> [9 citations] [BibTeX]
26.  2016 Dariusz Król, Lech Madeyski, and Ngoc Thanh Nguyen, eds. *Recent Developments in Intelligent Information and Database Systems*. Vol. 642. Studies in Computational Intelligence. Springer, 2016. DOI: 10.1007/978-3-319-31277-4. URL: <http://www.springer.com/gp/book/9783319312767> [] [BibTeX]
27. 2015 Lech Madeyski and Marian Jureczko. "Which Process Metrics Can Significantly Improve Defect Prediction Models? An Empirical Study". In: *Software Quality Journal* 23.3 (2015), pp. 393–422. DOI: 10.1007/s11219-014-9241-7 [76 citations] [BibTeX]
28. 2015 Marian Jureczko and Lech Madeyski. "Cross-Project Defect Prediction With Respect To Code Ownership Model: An Empirical Study". In: *e-Infomatica Software Engineering Journal* 9.1 (2015), pp. 21–35. DOI: 10.5277/e-Inf150102. URL: <http://doi.org/10.5277/e-Inf150102> [] [BibTeX]
29. 2015 Jarosław Hryszko and Lech Madeyski. "Bottlenecks in software defect prediction implementation in industrial projects". In: *Foundations of Computing and Decision Sciences* 40.1 (Mar. 2015), pp. 17–33. DOI: 10.1515/fcds-2015-0002 [8 citations] [BibTeX]
30. 2015 Quang Vu Nguyen and Lech Madeyski. "Searching for Strongly Subsuming Higher Order Mutants by Applying Multi-objective Optimization Algorithm". In: *Advanced Computational Methods for Knowledge Engineering*. Ed. by Hoai An Le Thi, Ngoc Thanh Nguyen, and Tien Van Do. Vol. 358. Advances in Intelligent Systems and Computing. Springer International Publishing, 2015, pp. 391–402. ISBN: 978-3-319-17995-7. DOI: 10.1007/978-3-319-17996-4\_35. URL: [http://dx.doi.org/10.1007/978-3-319-17996-4\\_35](http://dx.doi.org/10.1007/978-3-319-17996-4_35). (Draft: <http://madeyski.e-informatyka.pl/download/NguyenMadeyski15.pdf>) [16 citations] [BibTeX]
31. 2015 Lech Madeyski and Barbara Kitchenham. *Reproducible Research – What, Why and How*. PRE W08/2015/P-020. Wroclaw University of Technology, 2015 [11 citations] [BibTeX]
32. 2015 Lech Madeyski and Barbara Kitchenham. *How variations in experimental designs impact the construction of comparable effect sizes for meta-analysis*. PRE W08/2015/P-019. Wroclaw University of Technology, 2015 [BibTeX]
33. 2014 Lech Madeyski, Wojciech Orzeszyna, Richard Torkar, and Mariusz Józala. "Overcoming the Equivalent Mutant Problem: A Systematic Literature Review and a Comparative Experiment of Second Order Mutation". In: *IEEE Transactions on Software Engineering* 40.1 (Jan. 2014), pp. 23–42. ISSN: 0098-5589. DOI: 10.1109/TSE.2013.44 [89 citations] [BibTeX]
34. 2014 Lech Madeyski, Wojciech Orzeszyna, Richard Torkar, and Mariusz Józala. *Appendix to the paper "Overcoming the Equivalent Mutant Problem: A Systematic Literature Review and a Comparative Experiment of Second Order Mutation"*. 2012. URL: <http://madeyski.e-informatyka.pl/download/app/AppendixTSE.pdf> (appendix) [3 citations] [BibTeX]
35. 2014 Lech Madeyski and Marek Majchrzak. "Software Measurement and Defect Prediction with DePress Extensible Framework". In: *Foundations of Computing and Decision Sciences* 39.4 (2014), pp. 249–270. DOI: 10.2478/fcds-2014-0014 [13 citations] [BibTeX]

36. 2014 Quang Vu Nguyen and Lech Madeyski. "Problems of Mutation Testing and Higher Order Mutation Testing". In: *Advanced Computational Methods for Knowledge Engineering*. Ed. by Tien Do, Hoai An Le Thi, and Ngoc Thanh Nguyen. Vol. 282. Advances in Intelligent Systems and Computing. Springer International Publishing, 2014, pp. 157–172. ISBN: 978-3-319-06568-7. DOI: 10.1007/978-3-319-06569-4\_12. URL: [http://dx.doi.org/10.1007/978-3-319-06569-4\\_12](http://dx.doi.org/10.1007/978-3-319-06569-4_12). (Draft: <http://madeyski.e-informatyka.pl/download/NguyenMadeyski14.pdf>) [18 citations] [BibTeX]
37. 2014 Lech Madeyski and Mirosław Ochodek, eds. *Software engineering from research and practice perspectives*. Nakom, 2014. ISBN: 978-83-63919-16-0. URL: <http://zbc.ksiaznica.szczecin.pl/dlibra/docmetadata?id=31905> [BibTeX]
38. 2014 Lech Madeyski and Mirosław Ochodek. "Preface". In: *Software engineering from research and practice perspectives*. Ed. by Lech Madeyski and Mirosław Ochodek. Nakom, 2014, pp. 9–10. URL: <http://zbc.ksiaznica.szczecin.pl/dlibra/docmetadata?id=31905> [BibTeX]
39. 2014 Lech Madeyski and Mirosław Ochodek, eds. *Inżynieria oprogramowania: badania i praktyka*. Nakom, 2014. ISBN: 978-83-63919-15-3. URL: <http://zbc.ksiaznica.szczecin.pl/dlibra/docmetadata?id=31904> [BibTeX]
40. 2014 Lech Madeyski and Mirosław Ochodek. "Wstęp". In: *Inżynieria oprogramowania: badania i praktyka*. Ed. by Lech Madeyski and Mirosław Ochodek. Nakom, 2014, pp. 9–10. URL: <http://zbc.ksiaznica.szczecin.pl/dlibra/docmetadata?id=31904> [BibTeX]
41. 2014 Jakub Jurkiewicz, Piotr Kosiuczenko, Lech Madeyski, Mirosław Ochodek, Cezary Orłowski, and Łukasz Radliński. "Recent Polish achievements in Software Engineering". In: *Software Engineering from Research and Practice Perspectives*. Ed. by Lech Madeyski and Mirosław Ochodek. Nakom, 2014. Chap. 1, pp. 15–38. URL: <http://madeyski.e-informatyka.pl/download/Jurkiewicz14.pdf> [BibTeX]
42. 2014 Marian Jureczko and Lech Madeyski. *Open source project descriptions*. Tech. rep. SPR 1/2014. Institute of Informatics, Faculty of Computer Sciences and Management, Wrocław University of Technology, 2014. URL: <http://madeyski.e-informatyka.pl/download/JureczkoMadeyskiOpenSourceProjects.pdf> [BibTeX]
43. 2014 Marian Jureczko and Lech Madeyski. *Software product metrics used to build defect prediction models*. Tech. rep. SPR 2/2014. <http://madeyski.e-informatyka.pl/download/JureczkoMadeyskiSoftwareProductMetrics.pdf>. Institute of Informatics, Faculty of Computer Sciences and Management, Wrocław University of Technology, 2014. URL: <http://madeyski.e-informatyka.pl/download/JureczkoMadeyskiSoftwareProductMetrics.pdf> [BibTeX]
44. 2014 Barbara Kitchenham and Lech Madeyski. *Identification of relevant studies, data extraction and synthesizing research findings in "Software engineering: problems with effect sizes and meta-analyses"*. Tech. rep. SPR 3/2014. Institute of Informatics, Faculty of Computer Sciences and Management, Wrocław University of Technology, 2014 [BibTeX]
45. 2013 Lech Madeyski and Marcin Kawalerowicz. "Continuous Test-Driven Development—A Novel Agile Software Development Practice and Supporting Tool". In: *ENASE 2013 - Proceedings of the 8th International Conference on Evaluation of Novel Approaches to Software Engineering*. Ed. by Joaquim Filipe and Leszek Maciaszek. 2013, pp. 260–267. DOI: 10.5220/0004587202600267. URL: <http://madeyski.e-informatyka.pl/download/Madeyski13ENASE.pdf> [11 citations] [BibTeX]
46. 2011 Marian Jureczko and Lech Madeyski. "A review of process metrics in defect prediction studies". In: *Metody Informatyki Stosowanej* 30.5 (2011), pp. 133–145. URL: [www.pan.wi.zut.edu.pl/mispdf/MIS-2011-5.pdf](http://www.pan.wi.zut.edu.pl/mispdf/MIS-2011-5.pdf) [13 citations] [BibTeX]
47. 2010 Zbigniew Huzar and Lech Madeyski. "Editorial". In: *e-Informatica Software Engineering Journal* 4.1 (2010), pp. 7–8. URL: [http://www.e-informatyka.pl/attach/e-Informatica\\_Volume\\_4/eInformatica2010Editorial.pdf](http://www.e-informatyka.pl/attach/e-Informatica_Volume_4/eInformatica2010Editorial.pdf) [BibTeX]



48. 2010 Marian Jureczko and Lech Madeyski. "Towards identifying software project clusters with regard to defect prediction". In: *PROMISE'2010: Proceedings of the 6th International Conference on Predictive Models in Software Engineering*. ACM, 2010, 9:1–9:10. DOI: 10.1145/1868328.1868342. URL: <http://dx.doi.org/10.1145/1868328.1868342>. Draft: <http://madeyski.e-informatyka.pl/download/JureczkoMadeyski10f.pdf> [226 citations] [BibTeX]
49. 2010 Marian Jureczko and Lech Madeyski. "Predykcja defektów na podstawie metryk oprogramowania - identyfikacja klas projektów". In: *Inżynieria Oprogramowania w procesach integracji systemów informatycznych*. Pomorskie Wydawnictwo Naukowo-Techniczne, 2010, pp. 185–192. URL: <http://madeyski.e-informatyka.pl/download/JureczkoMadeyski10e.pdf> [2 citations] [BibTeX]
50. 2010 Lech Madeyski. "The impact of test-first programming on branch coverage and mutation score indicator of unit tests: An experiment". In: *Information and Software Technology* 52.2 (2010), pp. 169–184. DOI: 10.1016/j.infsof.2009.08.007. URL: <http://dx.doi.org/10.1016/j.infsof.2009.08.007>. Draft: <http://madeyski.e-informatyka.pl/download/Madeyski10c.pdf> [67 citations] [BibTeX]
51. 2010 Lech Madeyski and Norbert Radyk. "Judy – A Mutation Testing Tool for Java". In: *IET Software* 4.1 (2010), pp. 32–42. DOI: 10.1049/iet-sen.2008.0038. URL: <http://dx.doi.org/10.1049/iet-sen.2008.0038>. (Draft: <http://madeyski.e-informatyka.pl/download/Madeyski10b.pdf>) [93 citations] [BibTeX]
52. 2010 Lech Madeyski. *Empirical studies on the impact of test-first programming*. Technical Report I32/10/P-004. Wrocław University of Technology, Institute of Informatics, 2010, pp. 1–7. (Draft: <http://madeyski.e-informatyka.pl/download/Madeyski09TFStudies.pdf>) [2 citations] [BibTeX]
53. 2010 Lech Madeyski. *Test-Driven Development: An Empirical Evaluation of Agile Practice*. Foreword by Prof. Claes Wohlin. (Heidelberg, London, New York): Springer, 2010. ISBN: 978-3-642-04287-4. DOI: 10.1007/978-3-642-04288-1. URL: <http://dx.doi.org/10.1007/978-3-642-04288-1> [89 citations] [BibTeX]
- 
54. 2009 Zbigniew Huzar and Lech Madeyski. "Editorial". In: *e-Informatica Software Engineering Journal* 3.1 (2009), pp. 7–7. URL: [http://www.e-informatyka.pl/attach/e-Informatica\\_Volume\\_3/eInformatica2009Editorial.pdf](http://www.e-informatyka.pl/attach/e-Informatica_Volume_3/eInformatica2009Editorial.pdf) [BibTeX]
55. 2008 Lech Madeyski. "Impact of pair programming on thoroughness and fault detection effectiveness of unit test suites". In: *Software Process: Improvement and Practice* 13.3 (2008), pp. 281–295. ISSN: 1099-1670. DOI: 10.1002/spip.382. URL: <http://dx.doi.org/10.1002/spip.382>. (Draft: <http://madeyski.e-informatyka.pl/download/Madeyski08.pdf>) [25 citations] [BibTeX]
56. 2008 Zbigniew Huzar and Lech Madeyski. "Editorial". In: *e-Informatica Software Engineering Journal* 2.1 (2008), pp. 7–7 [BibTeX]
57. 2008 Lech Madeyski and Wojciech Biela. "Capable Leader and Skilled and Motivated Team Practices to Introduce eXtreme Programming". In: *Balancing Agility and Formalism in Software Engineering*. Ed. by Bertrand Meyer, Jerzy R. Nawrocki, and Bartosz Walter. Vol. 5082. Lecture Notes in Computer Science. Springer Berlin Heidelberg, 2008, pp. 96–102. ISBN: 978-3-540-85278-0. DOI: 10.1007/978-3-540-85279-7\_8. URL: [http://dx.doi.org/10.1007/978-3-540-85279-7\\_8](http://dx.doi.org/10.1007/978-3-540-85279-7_8). (Draft: <http://madeyski.e-informatyka.pl/download/Madeyski08d.pdf>) [BibTeX]
58. 2008 Tomas Hruska, Lech Madeyski, and Mirosław Ochodek, eds. *Software Engineering Techniques in Progress*. Oficyna Wydawnicza Politechniki Wrocławskiej, 2008. ISBN: 978-83-7493-421-3 [BibTeX]

59. 2007 Zbigniew Huzar and Lech Madeyski. "Empirical Evaluation of Novel Approaches to Software Engineering". In: *e-Informatica Software Engineering Journal* 1.1 (2007), pp. 7–8. URL: [http://www.e-informatyka.pl/attach/e-Informatica\\_-\\_Volume\\_1/Vol1Iss1EditorialeInformatica.pdf](http://www.e-informatyka.pl/attach/e-Informatica_-_Volume_1/Vol1Iss1EditorialeInformatica.pdf) [BibTeX]
60. 2007 Lech Madeyski and Łukasz Szała. "The Impact of Test-Driven Development on Software Development Productivity — An Empirical Study". In: *Software Process Improvement*. Ed. by Pekka Abrahamsson, Nathan Baddoo, Tiziana Margaria, and Richard Messnarz. Vol. 4764. Lecture Notes in Computer Science. Springer Berlin Heidelberg, 2007, pp. 200–211. ISBN: 978-3-540-74765-9. DOI: 10.1007/978-3-540-75381-0\_18. URL: [http://dx.doi.org/10.1007/978-3-540-75381-0\\_18](http://dx.doi.org/10.1007/978-3-540-75381-0_18). (Draft: <http://madeyski.e-informatyka.pl/download/Madeyski07d.pdf>) [38 citations] [BibTeX]
61. 2007 Lech Madeyski. "On the Effects of Pair Programming on Thoroughness and Fault-Finding Effectiveness of Unit Tests". In: *Product-Focused Software Process Improvement*. Ed. by Jürgen Münch and Pekka Abrahamsson. Vol. 4589. Lecture Notes in Computer Science. Springer Berlin Heidelberg, 2007, pp. 207–221. ISBN: 978-3-540-73459-8. DOI: 10.1007/978-3-540-73460-4\_20. (Draft: <http://madeyski.e-informatyka.pl/download/Madeyski07.pdf>) (Best Paper Award) [34 citations] [BibTeX]
- 
62. 2007 Lech Madeyski and Wojciech Biela. "Empirical Evidence Principle and Joint Engagement Practice to Introduce XP". In: *Agile Processes in Software Engineering and Extreme Programming*. Ed. by Giulio Concas, Ernesto Damiani, Marco Scotto, and Giancarlo Succi. Vol. 4536. Lecture Notes in Computer Science. Springer Berlin Heidelberg, 2007, pp. 141–144. ISBN: 978-3-540-73100-9. DOI: 10.1007/978-3-540-73101-6\_19. URL: [http://dx.doi.org/10.1007/978-3-540-73101-6\\_19](http://dx.doi.org/10.1007/978-3-540-73101-6_19). (Draft: <http://madeyski.e-informatyka.pl/download/Madeyski07b.pdf>) [4 citations] [BibTeX]
63. 2007 Lech Madeyski and Łukasz Szała. "Impact of aspect-oriented programming on software development efficiency and design quality: an empirical study". In: *IET Software* 1.5 (2007), pp. 180–187. DOI: 10.1049/iet-sen:20060071. URL: <http://dx.doi.org/10.1049/iet-sen:20060071>. (Draft: <http://madeyski.e-informatyka.pl/download/Madeyski07g.pdf>) [41 citations] [BibTeX]
64. 2007 Lech Madeyski and Zbigniew Huzar. *External Code Quality Model and Cross-Validation of the Model*. Technical Report PRE I31/07/P-003. Institute of Applied Informatics, Wrocław University of Technology, 2007, pp. 1–18 [BibTeX]
65. 2007 Lech Madeyski, Mirosław Ochodek, Dawid Weiss, and Jaroslav Zendulka, eds. *Software Engineering in Progress*. Nakom, 2007. ISBN: 978-83-89529-44-2 [BibTeX]
66. 2006 Lech Madeyski. "The Impact of Pair Programming and Test-Driven Development on Package Dependencies in Object-Oriented Design — An Experiment". In: *Product-Focused Software Process Improvement*. Ed. by Jürgen Münch and Matias Vierimaa. Vol. 4034. Lecture Notes in Computer Science. Springer Berlin Heidelberg, 2006, pp. 278–289. ISBN: 978-3-540-34682-1. DOI: 10.1007/11767718\_24. URL: [http://dx.doi.org/10.1007/11767718\\_24](http://dx.doi.org/10.1007/11767718_24). (Draft: <http://madeyski.e-informatyka.pl/download/Madeyski06.pdf>) [51 citations] [BibTeX]
67. 2006 Lech Madeyski. "Is External Code Quality Correlated with Programming Experience or Feelgood Factor?" In: *Extreme Programming and Agile Processes in Software Engineering*. Ed. by Pekka Abrahamsson, Michele Marchesi, and Giancarlo Succi. Vol. 4044. Lecture Notes in Computer Science. Springer Berlin Heidelberg, 2006, pp. 65–74. ISBN: 978-3-540-35094-1. DOI: 10.1007/11774129\_7. URL: [http://dx.doi.org/10.1007/11774129\\_7](http://dx.doi.org/10.1007/11774129_7). (Draft: <http://madeyski.e-informatyka.pl/download/Madeyski06b.pdf>) [22 citations] [BibTeX]
68. 2005 Lech Madeyski. *An Empirical Analysis of the Impact of Pair Programming and Test-Driven Development on CK Design Complexity Metrics*. Technical Report PRE I31/05/P-004. Institute of Applied Informatics, Wrocław University of Technology, 2005, pp. 1–17 [BibTeX]

69. 2005 Lech Madeyski and Michał Stochmiątek. "Architectural Design of Modern Web Applications". In: *Foundations of Computing and Decision Sciences* 30.1 (2005), pp. 49–60. ISSN: 0867-6356. URL: <http://madeyski.e-informatyka.pl/download/23.pdf> [14 citations] [BibTeX]
70. 2005 Lech Madeyski. "Preliminary Analysis of the Effects of Pair Programming and Test-Driven Development on the External Code Quality". In: *Software Engineering: Evolution and Emerging Technologies*. Ed. by Krzysztof Zieliński and Tomasz Szmuc. Vol. 130. Frontiers in Artificial Intelligence and Applications. IOS Press, 2005, pp. 113–123. URL: <http://madeyski.e-informatyka.pl/download/Madeyski05b.pdf> 50 citations + 14 citations [BibTeX]
71. 2005 Lech Madeyski. *Preliminary analysis of the effects of pair programming and test-driven development on the external code quality*. Ser. PRE nr 1. Institute of Applied Informatics, Wrocław University of Technology, 2005 [BibTeX]
72. 2004 Lech Madeyski and Marcin Kruczkiewicz. "Rozszerzalny obiektowy model projektu informatycznego". In: *Prace Naukowe Akademii Ekonomicznej we Wrocławiu*. Prace Naukowe Akademii Ekonomicznej 1044 (Nowoczesne Technologie Informacyjne w Zarządzaniu) (2004). Ed. by Mirosław Dyczkowski Elżbieta Niedzielska Helena Dudycz, pp. 398–407. URL: <http://madeyski.e-informatyka.pl/download/21.pdf> [BibTeX]
73. 2004 Lech Madeyski and Piotr Karwaczyński. "Działania Projakościowe w Procesie Wytwarzania Oprogramowania". In: *Prace Naukowe Akademii Ekonomicznej we Wrocławiu* 1044 (Nowoczesne Technologie Informacyjne w Zarządzaniu) (2004), pp. 389–397. ISSN: 0324-8445. URL: <http://madeyski.e-informatyka.pl/download/22.pdf> 2 citations [BibTeX]
74. 2004 Lech Madeyski, Adam Mrozowski, and Sebastian Gil. "Komunikacja w czasie rzeczywistym w sieci Internet". In: *Współczesne problemy systemów czasu rzeczywistego*. Ed. by Andrzej Kwiecień and Piotr Gaj. <http://madeyski.e-informatyka.pl/download/18.pdf>. Wydawnictwa Naukowo-Techniczne, 2004, pp. 375–386. ISBN: 83-204-3023-2. URL: <http://madeyski.e-informatyka.pl/download/18.pdf> 2 citations [BibTeX]
75. 2004 Lech Madeyski and Michał Stochmiątek. "Architektura Nowoczesnych Aplikacji Internetowych". In: *Inżynieria oprogramowania. Nowe wyzwania*. Ed. by Jerzy Górski. <http://madeyski.e-informatyka.pl/download/19.pdf>. Wydawnictwa Naukowo-Techniczne, 2004, pp. 373–388. ISBN: 83-204-3051-8. URL: <http://madeyski.e-informatyka.pl/download/19.pdf> [2 citations] [BibTeX]
76. 2004 Przemysław Mielcarek, Marcin Parczewski, and Lech Madeyski. "E-learning — analiza celów i możliwości ich realizacji na podstawie istniejących specyfikacji i standardów". In: *Prace Naukowe Akademii Ekonomicznej we Wrocławiu* 1044 (2004), pp. 548–556. ISSN: 0324-8445. URL: <http://madeyski.e-informatyka.pl/download/20.pdf> [11 citations] [BibTeX]
77. 2003 Lech Madeyski and Marcin Kubasiak. "Zwinna Specyfikacja Wymagań". In: *Problemy i metody inżynierii oprogramowania*. Ed. by Zbigniew Huzar and Zygmunt Mazur. Wydawnictwa Naukowo-Techniczne, 2003, pp. 53–68. URL: <http://madeyski.e-informatyka.pl/download/15.pdf> [BibTeX]
78. 2003 Lech Madeyski and Paweł Mazur. "Nowoczesne aplikacje internetowe w praktyce". In: *Tele-net Forum* 5 (2003), pp. 14–17. URL: <http://madeyski.e-informatyka.pl/download/Madeyski03c.pdf> [1 citation] [BibTeX]
79. 2003 Lech Madeyski. "XML w bazach danych". In: *Bazy Danych*. Vol. 4. Prace Naukowe Wydziałowego Zakładu Informatyki Politechniki Wrocławskiej. Oficyna Wydawnicza Politechniki Wrocławskiej, 2003, pp. 81–89. ISBN: 837085706X. URL: <http://madeyski.e-informatyka.pl/download/16.pdf> [BibTeX]
80. 2002 Lech Madeyski. "Nowe koncepcje tworzenia aplikacji internetowych na przykładzie portalu E-INFORMATYKA.PL". In: *Prace Naukowe Akademii Ekonomicznej we Wrocławiu* 955 (2002), pp. 425–437. URL: [madeyski.e-informatyka.pl/download/14.pdf](http://madeyski.e-informatyka.pl/download/14.pdf) [3 citations] [BibTeX]

81. 2002 Lech Madeyski. *XML w bazach danych*. Raport Serii PRE Z09/02/P-006. Wydziałowy Zakład Informatyki Politechniki Wrocławskiej, 2002, pp. 1–9 [BibTeX]
82. 2001 Lech Madeyski. *The idea J2EE, XML, XSLT and design patterns integration on Internet applications (Koncepcja Integracji Technologii J2EE, XML, XSLT i Wzorów Projektowych w Aplikacjach Internetowych)*. Raport Serii PRE Z09/01/P-020. Wydziałowy Zakład Informatyki, Politechnika Wroclawska, 2001, pp. 1–6 [BibTeX]
83. 2001 Lech Madeyski. “Portale Informacyjne na Platformie Java”. In: *Komunikacja gospodarcza. Studia i materiały*. Ed. by Andrzej Małachowski. (MNiSW: 3). Wydawnictwo Akademii Ekonomicznej, 2001, pp. 113–118 [BibTeX]
84. 2001 Lech Madeyski. *Portale Informacyjne na Platformie Java*. Raport Serii PRE Z09/01/P-006. Wydziałowy Zakład Informatyki Politechniki Wrocławskiej, 2001, pp. 1–8 [BibTeX]
85. 2001 Lech Madeyski. *Prognozy Technologiczne w Dziedzinie Internetu*. Raport Serii PRE. Z09/01/P-008. Wydziałowy Zakład Informatyki Politechniki Wrocławskiej, 2001, pp. 1–10 [BibTeX]
86. 2000 Lech Madeyski. “Wydajnościowo-niezawodnościowa analiza warstwy szkieletowej sieci komputerowych (prolegomena)”. In: *Pro Dialog 10* (2000), pp. 59–65. URL: <http://madeyski.e-informatyka.pl/download/8.pdf> 2 citations [BibTeX]
87. 1999 Lech Madeyski. “Metody obliczania niezawodności sieci K-terminali”. Raport PRE nr 20 Wydziałowego Zakładu Informatyki Politechniki Wrocławskiej (promotor: dr hab. Zygmunt Mazur, recenzenci: dr hab. Krystyna Balińska, dr hab. inż. Adam Grzech). PhD thesis. Wroclaw University of Technology, Nov. 1999, pp. 1–131 [BibTeX]
88. 1999 Lech Madeyski. “Pesymistyczna złożoność obliczeniowa algorytmu faktoryzacji Fact”. In: *Pro Dialog 9* (1999), pp. 41–54. URL: <http://madeyski.e-informatyka.pl/download/6.pdf> [BibTeX]
89. 1999 Lech Madeyski. “Zmodyfikowana technika programowania dynamicznego”. In: *Pro Dialog 9* (1999), pp. 33–40. URL: <http://madeyski.e-informatyka.pl/download/5.pdf> [BibTeX]
90. 1999 Lech Madeyski. *Wyznaczanie pesymistycznej złożoności obliczeniowej algorytmu faktoryzacji Fact*. Raport Serii PRE Z09/99/P-003. Wroclaw University of Technology, 1999, pp. 1–15 [BibTeX]
91. 1998 Lech Madeyski and Zygmunt Mazur. “Wykrywanie równoważnych podproblemów w algorytmie faktoryzacji do obliczania niezawodności K-terminali”. In: *Systemy Informatyczne Cz.1. Materiały dydaktyczno-naukowe*. Politechnika Czestochowska, 1998, pp. 73–81 [BibTeX]
92. 1998 Lech Madeyski and Zygmunt Mazur. “Nowy algorytm do szybkiego obliczania niezawodności sieci”. In: *Zagadnienia Eksploatacji Maszyn 33.3* (1998), pp. 391–404. URL: <http://madeyski.e-informatyka.pl/download/1.pdf> [6 citations] [BibTeX]
93. 1998 Lech Madeyski and Zygmunt Mazur. *Nowa technika programowania dynamicznego*. Raport Serii PRE Z09/98/P-005. Wydziałowy Zakład Informatyki Politechniki Wrocławskiej, 1998, pp. 1–9 [BibTeX]

All of the citations come from my Google Scholar profile (<http://scholar.google.com/citations?user=qmX546sAAAAJ>) and were collected automatically using R. My publications are available from my home page (<http://madeyski.e-informatyka.pl/>).

## Honors and Awards



2018 The Medal of the Commission of National Education (Polish: Medal Komisji Edukacji Narodowej), 2018



2018 Dean’s crown of laurels for eminent scientific achievements (Polish: Laur Dziekana za wybitne osiągnięcia naukowe), 2018



2018 Medal of 70-years of Computer Science in Poland (Polish: Medal 70-lecia Informatyki Polskiej) awarded by the Honorary Award Committee of 70-years of Computer Science in Poland, 2018



2016 The Silver Cross of Merit (Polish: Srebrny Krzyż Zasługi) conferred by the President of Poland, 2016



2016 Elsevier's Information and Software Technology (IST) Journal Reviewer Award for Exceptional Contribution to the Quality of the Journal when Serving as Reviewer from 2014 to 2015 given by Prof Guenther Ruhe (Editor in Chief) and Dr Gaia Lupo (Publisher).



2014 The Medal of XXX-years of the Polish Information Processing Society for a distinguished activity in dissemination of science (Medal XXX-lecia Polskiego Towarzystwa Informatycznego za wyróżniającą się działalność upowszechniającą naukę), Dec 13, 2014



2011 The Bronze Medal for Long Service (Polish: Brązowy Medal za Długoletnią Służbę) conferred by the President of Poland, Aug 31, 2011

2009–2015 Who's Who in the World®<sup>®</sup>, 2015 (32nd) Edition — 2009 (26th) Edition

2015, 2009, Wroclaw University of Technology Rector (Chancellor) Prize in 2015, 2009, 2008, 2002, 2000  
2008, 2002,  
2000



2007 The best paper award at PROFES'2007 (8th International Conference on Product Focused Software Process Improvement) in Riga.

2016–2017, Who's Who in Science and Engineering®<sup>®</sup>, 2006–2007, 2011–2012, and the forthcoming 2016–2017  
2011–2012, Edition  
2006–2007

1987 Laureate of the Contest of Young Masters of Technique (awarded by the entrance without exams to any technical university in Poland)

## Memberships in Professional Organizations



2018–present Member of the IEEE Technical Committee on Brain-inspired Cognitive Systems (TC-BCS)



2016–present Member of the Committee on Informatics of the Polish Academy of Sciences and Head of the Software Engineering Section of the Committee on Informatics of the Polish Academy of Sciences



2004–present Member of the IEEE Computer Society; IEEE Senior Member since 2017



2005–present Member of ACM



1997–present Member of PIPS (Polish Information Processing Society)

2002–2008 — Member of the board

2017–present — President of the Lower Silesian Branch of PIPS since 2017

1999–present — Member of the board of the Lower Silesian Branch of PIPS

2001–present — Expert of the PIPS, licence no. 35



2004–2014 Supervisor of the Software Engineering Society (<http://www.e-informatyka.pl/sens/>). Honorary supervisor since 2014.

## Professional Activities

Habilitations:

- 2018 **Reviewer of the Habilitation Achievement:**  
Bartosz Balis. *Tworzenie i wykonywanie aplikacji naukowych w paradygmacie przepływu pracy*. 2018 (Meeting date: ).
- 2018 **Member of the Habilitation Commission:**  
Marek Pałkowski. *Techniques based on the transitive closure of the dependence graph for creating compilers automatically optimizing source code (Techniki tworzenia kompilatorów automatycznie optymalizujących kod programowy w oparciu o tranzytywne domknięcie grafu zależności)*. 2018 (Meeting date: September 4, 2018).
- 2018 **Reviewer of the Habilitation Achievement:**  
Andrzej Jankowski. *Interactive Granular Computations in Networks and Systems Engineering: A Practical Perspective (Modele interakcyjnych obliczeń granularnych w realizacji złożonych systemów na etapie projektowania, konstruowania i wdrażania)*. 2018 (Meeting date: June 19, 2018).
- 2018 **Reviewer of the Habilitation Achievement:**  
Piotr Nawrocki. *Metody i mechanizmy zapewniające zachowanie parametrów jakościowych usług realizowanych w systemach komputerowych o zmiennej dostępności zasobów*. 2018 (Meeting date: April 24, 2018).
- 2017 **Reviewer of the Habilitation Achievement:**  
Maciej Malawski. *Zarządzanie zasobami dla aplikacji naukowych w chmurach obliczeniowych*. 2017 (Meeting date: June 8, 2017).
- 2016 **Secretary of the Habilitation Commission, Habilitation Achievement:**  
Kazimierz Choroś. *Automatic content-based categorization and indexing of digital videos*. 2016 (Meeting date: June 22, 2016).
- 2015 **Reviewer of the Habilitation Achievement:**  
Ilona Bluemke. *Jakość oprogramowania w ujęciu wielokryterialnym*. 2015 (Meeting date: October 8, 2015).
- 2014/2015 **Reviewer of the Habilitation Achievement:**  
Andrzej Zalewski. *Modelling and Evaluation of Software Architectures*. 2014 (Meeting date: April 28, 2015).

#### PhD Theses:

- 2018 **Reviewer of the PhD thesis:**  
Maciej Bartoszek. "System do oceny podobieństwa kodów źródłowych w językach funkcyjnych oparty na metodach uczenia maszynowego i agregacji danych". PhD thesis. Warsaw University of Technology, 2018 (Defense: October 26, 2018).
- 2017 **PhD Grading Committee Member for Ahmad Nauman Ghazi's PhD dissertation:**  
Ahmad Nauman Ghazi. "Structuring Exploratory Testing through Test Charter Design and Decision Support". PhD thesis. Blekinge Institute of Technology, Sweden, 2017 (Defense: June 1, 2017; Opponent: Prof. Burak Turhan. University of Oulu, Finland. PhD Grading Committee: 1) Prof. Martin Höst, Lund University, Sweden. 2) Prof. Markku Oivo, University of Oulu, Finland. 3) Assoc. Prof. Lech Madeyski; Defense Venue: Blekinge Institute of Technology – Campus Gräsvik, Karlskrona).
- 2017 **Reviewer of the PhD thesis:**  
Przemysław Plecka. "Metoda przedwdrożeniowego wymiarowania zmian oprogramowania wybranej klasy systemów ERP". PhD thesis. Wydział Elektroniki i Informatyki, Politechnika Koszalińska, 2017 (Defense: May 9, 2017).
- 2016 **Supervisor of the defended PhD thesis:**  
Quang Vu Nguyen. "Searching for high quality higher order mutants". PhD thesis. Faculty of Computer Science, Management, Wrocław University of Science, and Technology, 2016 (Defense: June 14, 2016).

- 2016 **Reviewer of the PhD thesis:**  
PhD thesis. Wydział Elektroniki i Technik Informatycznych, Politechnika Warszawska, 2016.
- 2016, April 13 **Opponent on the Licentiate thesis (in Swedish and Finnish universities, a Licentiate's degree, recognised as a pre-doctoral degree, is equal to completion of the coursework required for a doctorate and a dissertation which is formally equivalent to half of a doctoral dissertation, see <https://en.wikipedia.org/wiki/Licentiate>):**  
Deepika Badampudi. *Towards decision-making to choose among different component origins*. 2016 (Defense: April 13, 2016; Opponent: Assoc. Prof. Lech Madeyski; Supervisor: Prof. Claes Wohlin; Defense Venue: Blekinge Institute of Technology – Campus Gräsvik, Karlskrona).
- Journals:**
- 2011... **Co-Editor-in-Chief**, *e-Informatica Software Engineering Journal*.  
Journal web site: <http://www.e-informatyka.pl/>  
Paper submission site: <https://mc.manuscriptcentral.com/e-InformaticaSEJ>
- 2019... **Member of the Board of Editors**, *International Journal of Cognitive Informatics and Natural Intelligence (IJCINI)*.  
Journal web site: <http://www.igi-global.com/journal/1095>
- 2018 **Guest Editor**, *Foundations of Computing and Decision Sciences*, (Walter de Gruyter/Poznań University of Technology).  
ISSN: 0867-6356, SNIP 2017: 0.523, CiteScore 2017: 0.82  
Call for Papers: <http://madeyski.e-informatyka.pl/download/FCDSSEI.pdf>
- 2018 **Guest Editor**, *Information and Software Technology*, (Elsevier).  
ISSN: 0950-5849, Impact Factor: 1.569, 5-Year Impact Factor: 2.016  
Call for Papers: <http://madeyski.e-informatyka.pl/download/ISTSpecialIssue.pdf>  
and <http://www.journals.elsevier.com/information-and-software-technology/call-for-papers/special-issue-on-enhancing-credibility-of-empirical-software>
- 2007–2011 **Associate Editor-in-Chief**, *e-Informatica Software Engineering Journal*.
- 2013... **Editorial Board Member**, *Journal of System and Management Sciences*.
- 2013... **Referee**, *IEEE Transactions on Software Engineering*, (IEEE).
- 2017... **Referee**, *IEEE Transactions on Industrial Informatics*, (IEEE).
- 2017... **Referee**, *Journal of Systems and Software*, (Elsevier).
- 2017... **Referee**, *Soft Computing*, (Springer).
- 2017... **Referee**, *Software Testing, Verification and Reliability*, (Wiley).
- 2016... **Referee**, *Journal of Intelligent & Fuzzy Systems*, (IOS Press).
- 2014... **Referee**, *Journal of Software: Evolution and Process*, (Wiley).
- 2014... **Referee**, *Vietnam Journal of Computer Science*, (Springer).
- 2013... **Referee**, *Software Quality Journal*, (Springer).
- 2013... **Referee**, *Information Processing Letters*, (Elsevier).
- 2010... **Referee**, *Information and Software Technology*, (Elsevier).
- 2010... **Referee**, *Empirical Software Engineering*, (Springer).
- 2007... **Referee**, *IET Software*, formerly *IEE Proc. Software*.
- 2008 **Referee**, *Software Process: Improvement and Practice* (Wiley).
- 2007 **Referee**, *International Journal of Computational Intelligence Research*.
- 2006 **Referee**, *IEE Proc. Software (IET Software since 2007)*.
- 2006 **Referee**, *International Journal of Software Engineering and Knowledge Engineering (World Scientific Publishing)*.
- 2004, 2005 **Referee**, *Multimedia Tools and Applications - An International Journal (Kluwer/Springer)*.
- Summary: 60 reviews for ISI listed journals and 5 reviews for other journals since 2004.**

## Conferences and Workshops:

- since 2015 **Steering Committee Member (in addition to being PC Chair or PC Member)**, *KKIO Software Engineering Conference (Krajowa Konferencja Inżynierii Oprogramowania)*.
- 2019 **Co-Chair (with Prof. Mika Mäntylä from Oulu University, Finland) of Emerging Results and Vision Papers Track, PC Member, Reviewer**, *23th International Conference on Evaluation and Assessment in Software Engineering EASE'2019 (University of Copenhagen, Copenhagen, Denmark, April 15-17, 2019)*.
- 2019 **PC Member, Reviewer**, *27th ACM Joint European Software Engineering Conference and Symposium on the Foundations of Software Engineering ESEC/FSE 2019 Doctorial Symposium (Tallinn, Estonia, August 26-30, 2019)*.
- 2019 **PC Member, Reviewer**, *3rd Workshop on Machine Learning Techniques for Software Quality Evaluation MaLTeSQuE'2019 (Tallinn, Estonia, August 27, 2019) collocated with ESEC/FSE 2019 (27th ACM Joint European Software Engineering Conference and Symposium on the Foundations of Software Engineering)*.
- 2019 **PC Member, Reviewer**, *14th International Workshop on Mutation Analysis MUTATION'2019 (Xian, China, April 20, 2019) co-located with ICST'2018*.
- 2019 **PC Member, Reviewer**, *14th International Conference on Predictive Models and Data Analytics in Software Engineering PROMISE'2019 (Porto de Galinhas, Brazil, September 18, 2019)*.
- 2019 **PC Member, Reviewer**, *20th International Conference on Agile Software Development XP'2019 (Montreal, Canada, May 21-25, 2019)*.
- 2019 **PC Member, Reviewer**, *14th International Conference on Evaluation of Novel Approaches to Software Engineering ENASE'2019 (Heraklion, Crete, Greece, May 4-5, 2019)*.
- 2019 **PC Member, Reviewer**, *11th Asian Conference on Intelligent Information and Database Systems ACIIDS'2019 (Yogyakarta, Indonesia, April 8-11, 2019)*.
- 2019 **PC Member, Reviewer**, *45th International Conference on Current Trends in Theory and Practice of Computer Science SOFSEM'2019 (Nový Smokovec, Slovakia, January 27-30, 2019)*.
- 2018 **PC Member, Reviewer**, *14th International Conference on Predictive Models and Data Analytics in Software Engineering PROMISE'2018 (Oulu, Finland, October 10, 2018)*.
- 2018 **PC Member, Reviewer**, *19th International Conference of Product Focused Software Development and Process Improvement PROFES'2018 (Wolfsburg, Germany, November 28-30, 2018)*.
- 2018 **PC Member, Reviewer**, *1st International Workshop on Anti-Patterns for Software Analytics APSA'2018 in conjunction with International Conference on Software Engineering ICSE'2018 (Gothenburg, Sweden, May 27 – 3 June 2018)*.
- 2018 **PC Member, Reviewer**, *22th International Conference on Evaluation and Assessment in Software Engineering EASE'2018 (Christchurch, New Zealand, June 28-29, 2018)*.
- 2018 **PC Member, Reviewer**, *13th International Workshop on Mutation Analysis MUTATION'2018 (Västerås, Sweden, April 9, 2018) co-located with ICST'2018*.
- 2018 **PC Member, Reviewer**, *19th International Conference on Agile Software Development XP'2018 (Porto, Portugal, May 21-25, 2018)*.
- 2018 **PC Member, Reviewer**, *2nd Workshop on Machine Learning Techniques for Software Quality Evaluation MaLTeSQuE'2018 (Campobasso, Italy, March 20-23, 2018) collocated with SANER'2018 (25th IEEE International Conference on Software Analysis, Evolution and Reengineering)*.
- 2018 **PC Member, Reviewer**, *13th International Conference on Evaluation of Novel Approaches to Software Engineering ENASE'2018 (Funchal, Madeira, March 23-24, 2018)*.
- 2018 **PC Member, Reviewer**, *10th Asian Conference on Intelligent Information and Database Systems ACIIDS'2018 (19-21 March 2018, Dong Hoi City, Vietnam, March 19-21, 2018)*.



- 2017 **PC Member, Reviewer**, *13th International Conference on Predictive Models and Data Analytics in Software Engineering PROMISE'2017* (November 8, 2017, Toronto, Canada) co-located with *ESEM 2017 – 11th International Symposium on Empirical Software Engineering and Measurement*.
- 2017 **PC Member, Leading Reviewer, Reviewer**, *18th International Conference of Product Focused Software Development and Process Improvement PROFES'2017* Innsbruck, Austria, November 30–December 1, 2017).
- 2017 **PC Chair**, *19th KKIO Software Engineering Conference KKIO'17* (Rzeszów, Poland, September 14-16, 2017).
- 2017 **PC Member, Reviewer**, *21th International Conference on Evaluation and Assessment in Software Engineering EASE'2017* (BTH, Karlskrona, Sweden, June 15-16, 2017).
- 2017 **PC Member, Reviewer**, *18th International Conference on Agile Software Development XP'2017* (Cologne, Germany, May 22-26, 2017).
- 2017 **PC Member, Reviewer**, *12th International Workshop on Mutation Analysis MUTATION'2017* (Tokyo, Japan, March 13, 2017) co-located with *ICST'2017*.
- 2017 **PC Member, Reviewer**, *9th Asian Conference on Intelligent Information and Database Systems ACIIDS'2017* (Kanazawa, Japan, April 3-5, 2017).
- 2017 **PC Member, Reviewer**, *ITSC 2017: Special Session on Intelligent Technologies in the Smart Cities in the 21st Century PC* (Kanazawa, Japan, April 3-5, 2017).
- 2017 **PC Member, Reviewer**, *12th International Conference on Evaluation of Novel Approaches to Software Engineering ENASE'2017* (Porto, Portugal, April 28-29, 2017).
- 2017 **PC Member, Reviewer**, *1st Workshop on Machine Learning Techniques for Software Quality Evaluation MaLTeSQuE'2017* (Klagenfurt, February 21st, 2017) collocated with *SANER 2017*.
- 2016 **PC Member, Reviewer**, *17th International Conference of Product Focused Software Development and Process Improvement PROFES'2016* (Trondheim, Norway, November 22-24, 2016).
- 2016 **Steering Committee Member, PC Member, Reviewer**, *18th KKIO Software Engineering Conference* (Wroclaw, Poland, September 15-17, 2016).
- 2016 **PC Member, Reviewer**, *12th International Conference on Predictive Models and Data Analytics in Software Engineering PROMISE* (September 7, 2016, Ciudad Real, Spain) co-located with *ESEM 2016 – 10th International Symposium on Empirical Software Engineering and Measurement*.
- 2016 **PC Member, Reviewer**, *20th International Conference on Evaluation and Assessment in Software Engineering EASE'2016* (Limerick, Ireland, June 1-3, 2016).
- 2016 **PC Member, Reviewer**, *17th International Conference on Agile Software Development XP'2016* (Edinburgh, UK, May 24-27, 2016).
- 2016 **PC Member, Reviewer**, *12th International Workshop on Mutation Analysis MUTATION'2016* (Chicago, IL, USA, April 10, 2016) co-located with *ICST'2016*.
- 2016 **PC Member**, *11th International Conference on Evaluation of Novel Approaches to Software Engineering ENASE'2016* (Rome, Italy, April 27-28, 2016).
- 2016 **Co-Chair of Special Sessions/Workshops, Proceedings Editor, PC Member and Reviewer**, *8th Asian Conference on Intelligent Information and Database Systems ACIIDS'2016* (Da Nang, Vietnam, March 14-16, 2016).
- 2016 **PC Member**, *1st Symposium on Balancing Traditional and Modern Software Process Approaches BTMSPA'16* (Gdansk, Poland, 11 – 14 September, 2016).
- 2016 **PC Member**, *1st International Workshop on Affective Software Engineering WASE'16* (Gdansk, Poland, 11 – 14 September, 2016).

- 2015 **PC Member, Reviewer**, *Agile Conference AGILE'2015 (Washington D.C., USA, August 3-7, 2015)*.
- 2015 **PC Member, Reviewer**, *11th International Conference on Predictive Models and Data Analytics in Software Engineering PROMISE (Beijing, China, October 21, 2015) co-located with ESEM 2015 – 9th International Symposium on Empirical Software Engineering and Measurement*.
- 2015 **PC Member, Reviewer**, *16th International Conference of Product Focused Software Development and Process Improvement PROFES'2015 (Bolzano, Italy, December 2-4, 2015)*.
- 2015 **PC Member, Reviewer**, *10th International Workshop on Mutation Analysis MUTATION'2015 (Graz, Austria, April 13, 2015) co-located with ICST'2015*.
- 2015 **PC Member, Reviewer**, *16th International Conference on Agile Software Development XP'2015 (Helsinki, Finland, May 25-29, 2015)*.
- 2015 **PC Member of the "Big Data, Data Management and Analytic" Track**, *10th International Conference on P2P, Parallel, Grid, Cloud and Internet Computing (Kraków, Poland, November 4-6, 2015)*.
- 2015 **PC Member**, *7th Asian Conference on Intelligent Information and Database Systems ACIIDS'2015*.
- 2015 **PC Member, Reviewer**, *27th International Conference on Advanced Information Systems Engineering CAiSE'2015 (Stockholm, Sweden, June 8-12, 2015)*.
- 2015 **PC Member, Reviewer**, *10th International Conference on Evaluation of Novel Approaches to Software Engineering ENASE'2015 (Barcelona, Spain, April 29-30, 2015)*.
- 2015 **PC Member, Reviewer**, *17th KKIO Software Engineering Conference (XVII Krajowa Konferencja Inżynierii Oprogramowania KKIO'2015, Międzyzdroje, Poland, September 17-19, 2015)*.
- 2015 **PC Member, Reviewer**, *6th International Workshop on Advances in Business ICT ABICT'2015*.
- 2014 **PC Member, Reviewer**, *10th International Conference on Predictor Models in Software Engineering PROMISE'2014 (Turin, Italy, September 17, 2014)*.
- 2014 **PC Chair**, *16th KKIO Software Engineering Conference (XVI Krajowa Konferencja Inżynierii Oprogramowania KKIO'2014, Poznań, Poland, September 22-24, 2014)*.
- 2014 **PC Member, Reviewer**, *15th International Conference of Product Focused Software Development and Process Improvement PROFES'2014 (Helsinki, Finland, December 10-12, 2014)*.
- 2014 **PC Member, Reviewer**, *15th International Conference on Agile Software Development XP'2014 (Rome, Italy, May 26-30, 2014)*.
- 2014 **PC Member, Reviewer**, *26th International Conference on Advanced Information Systems Engineering CAiSE'2014 (Thessaloniki, Greece, June 16-20, 2014)*.
- 2014 **PC Member, Reviewer**, *9th International Conference on Evaluation of Novel Approaches to Software Engineering ENASE'2014 (Lisbon, Portugal, April 28-30, 2014)*.
- 2014 **PC Member, Reviewer**, *5th International Workshop on Advances in Business ICT ABICT'2014*.
- 2013 **PC Member, Reviewer**, *9th International Conference on Predictor Models in Software Engineering PROMISE'2013*.
- 2013 **PC Member, Reviewer**, *14th International Conference on Product Focused Software Development and Process Improvement PROFES'2013 (Paphos, Cyprus, June 12-14, 2013)*.
- 2013 **PC Member, Reviewer**, *14th International Conference on Agile Software Development XP'2013 (Vienna, Austria, June 3-7, 2013)*, *8th International Conference on Evaluation of Novel Approaches to Software Engineering ENASE'2013 (ESEO, Angers, Loire Valley, France, July 4-6, 2013)*.
- 2013 **PC Member, Reviewer**, *39th International Conference on Current Trends in Theory and Practice of Computer Science SOFSEM'2013 (Špindlerův Mlýn, Czech Republic, January 26–31, 2013)*.

- 2013 **PC Member, Reviewer**, *15th Software Engineering Conference (XV Krajowa Konferencja Inżynierii Oprogramowania KKIO'2013)*.
- 2013 **PC Member, Reviewer**, *International Workshop on Advances in Business ICT ABICT'2013*.
- 2012 **PC Member, Reviewer**, *13th International Conference on Agile Software Development XP'2012 (Malmo, Sweden, May 21-25, 2012)*.
- 2012 **PC Member, Reviewer**, *13th International Conference on Product Focused Software Development and Process Improvement PROFES'2012 (Madrid, Spain, June 13-15, 2012)*.
- 2012 **Reviewer**, *International Workshop on Realizing Artificial Intelligence Synergies in Software Engineering RAISE'2012 in conjunction with ICSE'2012 (Zurich, Switzerland, June 5, 2012)*.
- 2012 **PC Member, Session Chair, Reviewer**, *7th International Conference on Evaluation of Novel Approaches to Software Engineering ENASE'2012 (Wrocław, Poland, June 29-30, 2012)*.
- 2012 **PC Member, Reviewer**, *24th International Conference on Advanced Information Systems Engineering CAiSE'2012 (Gdańsk, Poland, June 25 – 29, 2012)*.
- 2012 **PC Member, Reviewer**, *International Workshop on Advances in Business ICT ABICT'2012*.
- 2012 **PC Member, Reviewer**, *14th Software Engineering Conference (XIV Krajowa Konferencja Inżynierii Oprogramowania KKIO'2012)*.
- 2012 **PC Member, Reviewer**, *5th International Conference on Business Process and Services Computing BPSC'2012*.
- 2011 **PC Member, Reviewer**, *12th International Conference on Product Focused Software Development and Process Improvement PROFES'2011 (Bari, Italy, June 20-22, 2011)*.
- 2011 **PC Member, Reviewer**, *6th International Conference on Evaluation of Novel Approaches to Software Engineering ENASE'2011 (Beijing, China, June 8-11, 2011)*.
- 2011 **PC Member, Reviewer**, *5th IFIP TC2 Central and East-European Conference on Software Engineering Techniques CEE-SET'2011 (Debrecen, Hungary, August 25-26, 2011)*.
- 2011 **PC Member, Reviewer**, *4rd International Conference on Business Process and Services Computing BPSC'2011*.
- 2011 **PC Member, Reviewer**, *International Workshop on Advances in Business ICT ABICT'2011*.
- 2010 **PC Member, Reviewer**, *11th International Conference on Product Focused Software Process Improvement PROFES'2010 (Limerick, Ireland, June 21-23, 2010)*.
- 2010 **PC Member, Reviewer**, *5th International Conference on Evaluation of Novel Approaches to Software Engineering ENASE'2010 (Athens, Greece, July 22-24, 2010)*.
- 2010 **PC Member, Reviewer**, *3rd International Conference on Business Process and Services Computing BPSC'2010*.
- 2010 **PC Member, Reviewer**, *12th Software Engineering Conference (XI Krajowa Konferencja Inżynierii Oprogramowania KKIO'2010)*.
- 2010 **PC Member, Reviewer**, *International Workshop on Advances in Business ICT ABICT'2010*.
- 2009 **PC Member, Reviewer**, *10th International Conference on Product Focused Software Process Improvement PROFES'2009 (Oulu, Finland, June 15-17, 2009)*.
- 2009 **PC Member, Reviewer**, *4th International Conference on Evaluation of Novel Approaches to Software Engineering ENASE'2009 (Milan, Italy, May 9-10, 2009)*.
- 2009 **PC Member, Reviewer**, *2nd International Conference on Business Process and Services Computing BPSC'2009*.
- 2009 **PC Member, Reviewer**, *4rd IFIP TC2 Central and East-European Conference on Software Engineering Techniques CEE-SET'2009 (Kraków, Poland, October 12-14, 2009)*.
- 2009 **PC Member, Reviewer**, *11th Software Engineering Conference (XI Krajowa Konferencja Inżynierii Oprogramowania KKIO'2009)*.

- 2008 **PC Member, Reviewer**, *9th International Conference on Product Focused Software Process Improvement PROFES'2008 (Frascati - Monteporzio Catone - Rome, Italy, June 23-25, 2008)*.
- 2008 **PC Member, Reviewer**, *3rd International Working Conference on Evaluation of Novel Approaches to Software Engineering ENASE'2008 (Funchal, Madeira, May 4-7, 2008)*.
- 2008 **PC Member, Organizing Committee Member, Conference Proceedings (Software Engineering Techniques in Progress) Editor**, *3rd Central and East-European Conference on Software Engineering Techniques CEE-SET'2008*.
- 2008 **PC Member, Reviewer**, *10th Software Engineering Conference (X Krajowa Konferencja Inżynierii Oprogramowania KKIO'2008)*.
- 2007 **PC Member, Reviewer, Award Committee Member, Session Chair, Conference Proceedings (Software Engineering in Progress) Editor**, *2nd Central and East-European Conference on Software Engineering Techniques CEE-SET'2007*.
- 2007 **PC Member, Reviewer**, *9th Software Engineering Conference (IX Krajowa Konferencja Inżynierii Oprogramowania KKIO'2007)*.
- 2007 **Reviewer**, *14th Real-Time Systems Conference (XIV Konferencja Systemy Czasu Rzeczywistego SCR'2007)*.
- 2007 **Reviewer**, *Methods and Tools for Software Development MTSD'2007*.
- 2007 **PC Member, Reviewer**, *1st International Working Conference on Business Process and Services Computing BPSC'2007*.
- 2007 **PC Member, Reviewer, Devil's Advocate**, *2nd International Working Conference on Evaluation of Novel Approaches to Software Engineering ENASE'2007 (Barcelona, Spain, July 23-25, 2007)*.
- 2007 **PC Member, Reviewer**, *5th Students Scientific Conference KNS'2007*.
- 2006 **Co-Founder, Co-Organizer, Session Chair, Publicity Chair, Devil's Advocate (see how we established an international conference <http://madeyski.e-informatyka.pl/activities/enase2006/>)**, *1st International Workshop on Evaluation of Novel Approaches to Software Engineering ENASE'2006 (Erfurt, Germany, September 18-20, 2006)*.
- 2006 **PC Member, Reviewer and Session Chair**, *IFIP Working Conference on Software Engineering Techniques SET'2006 (co-located with VIII Conference on Software Engineering KKIO'2006)*.
- 2005 **PC Member, Reviewer**, *Software Engineering Conference (VII Krajowa Konferencja Inżynierii Oprogramowania KKIO'2005)*.
- 2005 **PC Member, Reviewer**, *Virtual Campuses – New Dimensions of Education 2005*.
- 2004 **PC Member, Session Chair and Reviewer**, *Software Engineering Conference in Poland (VI Krajowa Konferencja Inżynierii Oprogramowania KKIO'2004)*.
- 2003 **Reviewer, Organizing Committee Member**, *Software Engineering Conference in Poland (V Krajowa Konferencja Inżynierii Oprogramowania KKIO'2003)*.
- 2002 **Reviewer**, *Modern Information Technologies in Management 2002 Conference (Nowoczesne Technologie Informatyczne w Zarządzaniu NTIZ'2002)*.
- Summary: 228 conference paper reviews in total since 2004.**

#### Books

- 2013 Chapter's Reviewer of the book "Software Project Management for the 21st Century" (Springer) edited by Guenther Ruhe and Claes Wohlin.

#### Contests

- 2017–present **Jury Member**, *Witold Lipski Prize for Young Researchers in Computer Science*, The Foundation for Information Technology Development in cooperation with the Polish Chapter of ACM and the Polish Information Processing Society following the initiative of a group of Polish computer scientists working abroad has established the Prize for Young Researchers in Computer Science for the best scientific achievements in computer science and its applications.
- 2000–present **Jury Member**, *Contest on the Best MSc Thesis in Computer Science in Poland organized by Polish Information Processing Society*.
- 2003 **Jury Member**, *J2ME Mobile Applications Contest organized by Sun Microsystems and Siemens*.
- 2002 **Organizing Committee Chair**, *V Southern Silesia Collegiate Programming Contest (qualifying round of the ACM International Collegiate Programming Contest)*.

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## My students

### My former PhD students:

Quang Vu Nguyen - Thesis defence on June 14, 2016 (now at Vietnam-Korea Friendship Information Technology College, Vietnam)

### My PhD students:

Jarosław Hryszko – registered doctoral candidate

Marcin Kawalerowicz (Opole University of Technology) – registered doctoral candidate

Marek Majchrzak – registered doctoral candidate

Tomasz Lewowski

### My former MSc students (68 in total):

- 2019 Bartłomiej Nieroda
- 2018 Anna Moczulska
- 2017 Leszek Stasiak, Katarzyna Kurtyka
- 2016 Tomasz Lewowski, Marek Ataman, Burak Tiftik, David Rutowicz, Paweł Tarasiuk
- 2015 Mateusz Piszczek, Gabriela Komorowska, Mateusz Kutyba
- 2014 Maciej Szewczyszyn, Wojciech Nowak, Marcin Nowak, Michał Kruszewicz, Piotr Mitka, Tomasz Muc, Maciej Haliniak
- 2013 Sylwia Pelc
- 2011 Karolina Rusin, Mariusz Józala, Sławomir Morjak, Błażej Bukowy, Paweł Iwaszko, Grzegorz Dziemidowicz, Igor Klimer, Agata Gałęcka, Michał Borek, Wojciech Orzeszyna
- 2010 Michał Olejnik
- 2008 Przemysław Szkudlarek, Piotr Wójcicki, Ryszard Perkowski
- 2007 Adam Grodowski, Norbert Radyk, Marek Majchrzak, Piotr Przybył
- 2006 Piotr Papała, Michał Głowacki, Bartłomiej Bogaczewicz, Łukasz Szała, Adam Piechowiak, Marek Grobel
- 2005 Michał Stochmiątek, Wojciech Gdela, Grzegorz Mąkosza, Jacek Owocki, Mariusz Sadał, Wojciech Biela
- 2004 Marcin Kruczkiewicz, Przemysław Mielcarek, Marcin Parczewski, Mikołaj Machowczyk, Krzysztof Sikora, Sebastian Mazur, Mirosław Rewak, Tomasz Ciesielski
- 2003 Mariusz Misiek, Waldemar Sieńko, Sebastian Podroużek, Anna Fuczko, Marcin Domagała, Michał Leszczyński, Sebastian Gil, Adam Mrozowski, Paweł Cichoń, Nicos Karageorgopoulos, Marcin Kubasiak

### My former BSc students:

- 2018 Karol Drużny, Robert Bazylewicz

- 2016 Kamil Władarczyk
- 2001 Wojciech Walenciak, Łukasz Brągoszewski, Rafał Grabiński  
[My former BSc students – participants of the BSc team projects supervised by me:](#)
- 2014 Dawid Kalinowski, Jakub Myka, Bartłomiej Nieroda, Jakub Rabęcki, Karol Chołody, Wojciech Dewódzki, Szymon Maślanka, Adam Mateja, Michał Grzegorz Antoszczuk, Mateusz Białczak, Tomasz Bielaszewski, Benjamin Cholewa, Kemal Paweł Erdem, Agnieszka Natalia Grzesiek, Tomasz Jan Kopacki, Bartosz Patryk Kotrys, Piotr Paweł Skrok, Maciej Jacek Skrzypiński, Tomasz Roman Sybidło, Paweł Szymankiewicz, Agnieszka Świątkowska, Konrad Till, Anita Włosek, Mateusz Kamil Wróblewski
- 2012 Krzysztof Biereźnoj, Tomasz Marcin Giełbutowicz, Maciej Krzysztof Haliniak, Bartłomiej Zbigniew Idzikowski, Łukasz Jaworski, Jakub Kubiak, Krzysztof Paweł Matuszek, Tomasz Maciej Muc, Paweł Wojciech Nieradka, Marcin Mateusz Nowak, Damian Michał Olczyk, Sylwia Jadwiga Pelc, Adrian Daniel Popiel, Damian Pukacz, Tomasz Wierzowiecki, Wojciech Woszczak
- 2011 Dominik Kopeć, Szymon Majuch, Sławomir Plamowski, Michał Krasoń, Łukasz Biłejkij, Adam Pawelec, Małgorzata Sadowska, Jan Kocoń, Marek Synoradzki, Tomasz Wojtyła, Tomasz Robak, Marek Wiewiórski, Robert Korczak, Michał Czemarmazowicz, Ostap Kowalisko, Adam Pawlaczek

## Trainings

- 2015 *Robust statistical methods* workshop by Prof. Barbara Kitchenham conducted at BTH, Sweden (I co-authored the meta-analysis part of the workshop with Prof. Barbara Kitchenham)
- 2014 *Statistical methods* by prof. Barbara Kitchenham, Keele University, UK
- 2011 *Modelowanie strukturalne — od teorii do prezentacji wyników. Model rekurencyjny ze zmiennymi ukrytymi* conducted by Monika Książek. Zimowe Warsztaty Analityczne organized by Szkoła Wyższa Psychologii Społecznej & SPSS Polska
- 2010 *Academic English II*, Wrocław University of Technology, 60-hours course funded by the European Union and conducted by Dominik Rozwadowski i Anna Tyszkiewicz
- 2010 *Poszerzenie kompetencji menedżerskich* – szkolenie prowadzone na Politechnice Wrocławskiej przez Kingę Truęć, finansowane ze środków Unii Europejskiej
- 2010 *Lean Software Development* by Mary Poppendieck, Iterate
- 2010 Business Plan as a tool to get founding from the European Union. Conducted by Paweł Prądkiewicz. Co-funded by the European Union
- 2010 Research Projects Management, co-funded by the European Union
- 2010 Academic English, Wrocław University of Technology, 15 weeks course funded by the European Union
- 2009 Professional presentation of research achievements, co-funded by the European Union
- 2003 Microsoft .NET course 2310: Developing Microsoft ASP.NET Web Applications, Altkom
- 2003 Microsoft .NET course 2124: Programming with C#, Altkom
- 2001 Enterprise Java Beans, Altkom
- 2000 XML, Infovide
- 1998 AS400, RPG programming and IBS software professional trainings, IBS