



Peter Trkman
associate professor

University of Ljubljana, Faculty of Economics
Kardeljeva ploscad 17, 1000 Ljubljana
tel: + 386 1 5892-512 fax.: + 386 1 5892-698
e-mail: peter.trkman@ef.uni-lj.si

Research Gate: https://www.researchgate.net/profile/Peter_Trkman2

Google Scholar: <https://scholar.google.si/citations?user=nT2RSqwAAAAJ>

LinkedIn: <https://www.linkedin.com/pulse/summary-my-linkedin-posts-peter-trkman/>
(includes a practitioner oriented summary of my research papers)

I am an associate professor at the Faculty of Economics of the University of Ljubljana. My research interests encompass various aspects of business models, business process, supply chain and operations management as well as technology adoption and e-government. I published over 80 papers/book chapters, including papers in highly-rated journals like Decision Support Systems, IEEE Transactions on Engineering Management, International Journal of Information Management, International Journal of Production Economics, Journal of Strategic Information Systems, Long Range Planning and Supply Chain Management. I was a visiting professor at several universities. I serve as a reviewer for 34 (S)SCI indexed journals, several funding agencies and Ph. D. theses. I won several awards for my research while my work has been cited over 2800 times with an h-index of 24. Five of my papers (on business analytics, business process management, business models and supply chain risk management) are among the 1% most cited papers in Scopus.

In my teaching I combine theory with practical examples, always try to engage students of diverse cultural and educational backgrounds. I score well above the average in students' evaluations of my pedagogical work; **typical evaluations are here.**

Education/Academic

2008 Ph D University of Ljubljana, Faculty of Economics

Important Publications

full list available on request. It includes over 80 papers, including 34 papers in journals indexed by SCI/SSCI

All impact factors from the year of publication unless otherwise noted

No. of citations based on Google Scholar and other sources; self cites not included. List of all citing papers at: https://www.researchgate.net/publication/285200203_List_of_citations

- Zaheer, N., & Trkman, P. (2017). An information sharing theory perspective on willingness to share information in supply chains. **International Journal of Logistics Management**, in press. JCR IF (2015): 0.92
- Cimperman, M., Makovec Brenčič, M., & Trkman, P. (2016). Analyzing older users' home telehealth services acceptance behavior - applying an Extended UTAUT model. **International Journal of Medical Informatics**, 90, 22-31
JCR IF (2015): 2.36
- Trkman, P., Oliveira, M. P. V., & McCormack, K. (2016). Value-oriented supply chain risk management: you get what you expect. **Industrial Management & Data Systems**, 116 (5), 1061 - 1083
JCR IF (2015): 1.28
- Trkman, P., Budler, M., & Groznik, A. (2015). A business model approach to supply chain management. **Supply Chain Management: An International Journal**, 20 (6) 587-602
JCR IF: 2.73
- DaSilva, C., & Trkman, P., Business Model: What It Is and What It Is Not. **Long Range Planning**, 47 (6), 2014, 379-389

JCR IF: 2.72

No. of citations: 230

*Note: the paper is in **the top 1% of the most cited papers** in its field (data from Scopus)*

- vom Brocke, J., Schmiedel, T., Recker, J., Trkman, P., Mertens, W., & Viaene, S. (2014). Ten Principles of Good Business Process Management. **Business Process Management Journal**, 20(4), 530 - 548.

No. of citations: 56

*Note: the paper is in **the top 1% of the most cited papers** in its field (data from Scopus)*

- Trkman, M. & Trkman, P.: Actors' misaligned interests to explain the low impact of an information system - a case study. **International Journal of Information Management**, 34 (2), 2014, 296-307

JCR IF: 1.55

- McCormack, K., & Trkman, P.: The influence of information-processing needs on the continuous use of business analytics. **Information research**, 19(3), 2014, paper 636.

JCR IF: 0.37

- Manfreda, A., Kovačič, A., Indihar Štemberger, M. and Trkman, P. Absorptive Capacity as a Precondition for Business Process Improvement. **Journal of Computer Information Systems**, 54 (2), 2014, 35-43

JCR IF:0.722

- Da Silva, C, Lindic, J, Trkman, P, DeSouza, K: Disruptive technologies: A business model perspective on cloud computing. **Technology analysis & strategic management**, 25 (10) 2013, 1161-1173

JCR IF: 0.841

No. of citations: 31

- Cimperman, M., Makovec Brenčič, M., Trkman, P., & de Leonni Stanonik, M., Older adults' perceptions of home telehealth services. **Telemedicine and e-Health**, 19 (10), 2013, 786-790.

JCR IF: 1.544

No. of citations: 37

- Škrinjar, R., & Trkman, P. (2013). Increasing Process Orientation with Business Process Management: Critical Practices. **International Journal of Information Management**, 33 (1), 2013, 48-60.

JCR IF: 2.042

No. of citations: 115

- Trkman, P and Desouza, K: Knowledge Risks in Organizational Networks: An Exploratory Framework. **Journal of Strategic Information Systems**, 21 (1), 2012, 1-17.

JCR IF: 1.500

No. of citations: 85

- Turk, T, Trkman, P: Bass model estimates for broadband diffusion in European countries. **Technological Forecasting & Social Change**, 79 (1), 2012, 85-96.

JCR IF: 2.106

No. of citations: 37

- Erjavec, J., Gradisar M, & Trkman, P. Assessment of stock size to minimize cutting stock production costs. **International Journal of Production Economics**, 135 (1), 2012, 170-176.

JCR IF: 2.081

- Trkman, P, Kovacic, A. Popovic, A: SOA Adoption Phases: A Case Study, **Business & Information Systems Engineering/Wirtschaftsinformatik**, 3 (4), 2011, 211-220

JCR IF: 0.66

- Trkman, P., McCormack, K., de Oliveira, M.P.V., Ladeira, M.B.: The impact of business analytics on supply chain performance. **Decision Support Systems** 49 (3), 2010, 318-327.

JCR IF: 2.13

No. of citations: 234

*Note: the paper is in **the top 1% of the most cited papers** in its field (data from Scopus)*

- Trkman Peter, McCormack Kevin: Estimating the benefits of e-procurement. **IEEE Transactions**

on Engineering Management 57 (2), 2010, 338-349

JCR IF: 1.34;

No. of citations: 40

- Trkman Peter: Critical Success Factors of Business Process Management. **International Journal of Information Management**, 30 (2), 2010, 125-134

JCR IF: 1.55

No. of citations: 642

*Note: the paper is in **the top 1% of the most cited papers** in its field (data from Scopus)*

- Trkman Peter, McCormack Kevin: A conceptual model for managing supply chain risk in turbulent environment. **International Journal of Production Economics**, 119 (2), 2009, 247-258.

JCR IF: 2.07

No. of citations: 373

*Note: the paper is in **the top 1% of the most cited papers** in its field (data from Scopus)*

Pre-prints of most journal papers available at: https://www.researchgate.net/profile/Peter_Trkman2

Research and Applied Projects/Grants (2007-2016)

Most of the projects are in the area of business process management/redesign/technology adoption in single companies/supply chains.

1. Business transformation - from business models to innovative processes, *principal investigator* (funded by Research Agency of Slovenia; research grant 150.000€); 2014-2017
2. Management and IT support for supply chain management; *principal investigator* (funded by Research Agency of Slovenia; research grant 150.000€); 2011-2014
3. Research collaboration USA-SLO (with DRK Research Institute); *principal investigator* (funded by Research Agency of Slovenia; 2011-2012
4. research collaboration Flemish region-SLO (with Vlerick); *principal investigator* (funded by Research Agency of Slovenia); 2011-2012
5. promotion of Slovenian science (at Queensland University of Technology); *principal investigator*, funded by Research Agency of Slovenia; December 2011
6. Business process modelling, analysis and redesign for Post of Slovenia, *principal investigator* funded by Post of Slovenia (December 2010-November 2011)
7. Consulting and training for Business process management for Surveying and Mapping Authority of Republic of Slovenia (March 2010-August 2010)
8. Business process redesign for Health Insurance Institute of Slovenia (July 2009-July 2010)
9. Modelling and redesign of Business Processes for Mobitel (June 2008-November 2009; several projects)
10. Modelling and redesign of business processes for Post of Slovenia (June 2008-November 2008)
11. Business models and technologies for wireless network in Ljubljana municipality with analysis of possibilities for its use; funded by Ljubljana municipality; *principal investigator* (April 2008-October 2008)
12. research project Broadband adoption in rural areas (2007-September 2008)
13. Value-at-Risk project for Chrysler (in cooperation with DRK Research Institute, Raleigh, USA; August 2007-February 2008)
14. Modelling and redesign of Business Processes for Deželna Bank of Slovenia (July 2007-March 2008)
15. EU project: Breath: Broadband e-services and access to the home (number: FP6-IST-3-015893-SSA) – WP 4 report (June 2006-January 2007)

Teaching (current)

Undergraduate courses: Economics of Information Technology and Systems; Electronic Business ; Introduction to Informatics; Supply Chain Management

Graduate courses

Optimization of logistics, Digital Business

Ph. D. courses

Theories in business research, How to publish

I was a mentor to 70 completed students' thesis (from 2005 to 2016)

I am consistently ranked well above the average in all students' evaluation surveys with the usual grade between 4.5 to 4.8 (on a 1 to 5 scale; 5 being the highest). Selected students' opinions (full evaluation reports available on request):

""The pedagogical work of Peter Trkman was of the highest quality in comparison to any other lecturer. He is very dynamic, with lots of interesting cases. " "I have never before met a professor that would take so much time for the students", "I have gained much knowledge I wouldn't otherwise get. And what is more important I feel like I can apply it to practice"

Evaluations from the e-business course (2015);

- Overall electronic business class was really helpful. (really) It was hard working but at the same time, I learned a lot. I want to say thank you for the professor.
- First of all, I would like to say that I've enjoyed the course. It was really informative and useful (I hope) accompanied with lots of task to accomplish both in class and at home. I really appreciate the quantity and the quality of examples provided within these lectures here in Ljubljana. I strongly believe in that theory should be always conducted with examples to attach your knowledge to reality's conditions.
- The lecture style was unique to the course and I liked it. All the topics were explained with real-life situations and shown through videos. The atmosphere was relaxed but at the same time kept on a professional level and I believe that this makes students more cooperative, because they can freely express their opinion.
- The professor is treating all students equally and that is the quality that and i think all students really do appreciate. He tries to communicate with us in non-superior way, and the jokes he makes are really making the atmosphere more friendly and nice.
- First of all I would like to start with the fact that this course was one of the most interesting courses overall, definitely, and I am grateful to you for that. Throughout this course I definitely learned a lot, meaning entered even more deeply in the electronic business world that of course is the future of the business in general. The interaction and fun that you as professor provided during the classes, the relaxed atmosphere and sincere answers to our questions made me eve more interested about this segment of the business and in future to continue to educate myself in this area.
- The lectures were good, a lot of interesting topics covered, also the energy and enthusiasm. There are many interesting topics with real products examples and great knowledge of the teacher.
- In my opinion E-business course was very interesting and I have learned a lot of useful knowledge, which I will be able to use in my future
- In my opinion this course was different than the others. I am not writing this to worship or to flatter it but somehow the concept and topics was different. I really like in this course that we were learning about the importance of internet/cloud/software using in the company. In this days its hard to imagine life
- First of all I would like to start with the fact that this course was one of the most interesting courses overall, definitely, and I am grateful to you for that. Throughout this course I definitely learned a lot, meaning entered even more deeply in the electronic business world that of course is the future of the business in general. The interaction and fun that you as professor provided during the classes, the relaxed atmosphere and sincere answers to our questions made me eve more interested about this segment of the business and in future to continue to educate myself in this area.
- Your lecturing style is perfect, I am not just saying because I am writing this evaluation and you are going to read it, but I really love it. I have so much laughs, especially the sounds

from the computer that you were playing when the time is up for the in-class assignments and the relaxed atmosphere you are providing in terms of talking and learning.

Research & teaching visits

- WU (Wirtschaftsuniversität Wien), Vienna, Austria: lectured at summer school in 2009 and 2010, research visit 2013 and 2015
- DRK Research, Raleigh, NC, USA: research visit (January-February 2011)
- Vlerick Leuven Management School, Gent, Belgium (October 2011)
- Humboldt University, Berlin, Germany: research visit (November - December 2011)
- Queensland University of Technology, Brisbane, Australia: research visit (December 2011-March 2012)
- UFES, Espirito Santo, Brazil; plenary speaker, guest lecturer (November 2012)
- IMT Dubai, Dubai Academic City, teaching the Supply Chain Management Course (January-February 2016)
- Kyungpook National University, teaching the Electronic Business course at the summer school (July 2016)
- St. Petersburg State University, Graduate School of Management, part of Supply Chain Management course (October, 2016)
- University of Sarajevo, Faculty of Economics and business; teaching social media and interdisciplinary research lectures (November-December 2016)
- Sichuan University, Chengdu, China: teaching Introduction to information systems and Supply Chain Management courses (July, 2017)

Reviewer (various funding agencies & 33 SCI indexed journals):

Funding agencies: I reviewed proposals for national research funding agencies in Croatia, Czech Republic, Flanders, Hungary and Luxembourg.

Journals: Annals of Operations Research, Behaviour & Information Technology, Business & Information Systems Engineering, Communications of the AIS, Computers & Operations Research, Decision Support Systems, Electronic Commerce Research & Application, Emerging Markets Finance and Trade, European Journal of Information Systems, European Journal of Operations Research, Government Information Quarterly, Information & Management, Information Systems, Information Systems Journal, Information Systems Management, Information Technology & People, International Journal of Information Management, International Journal of Production Economics, International Journal of Production Research, International Journal of Systems Science, Journal of the Association for Information Systems, Journal of Business and Industrial Marketing, Journal of Software: Evolution and Process, Journal of Strategic Information Systems, Long Range Planning, Mathematical Problems in Engineering, Omega, Production Planning & Control, Simulation Modelling Practice and Theory, Software: Evolution & Process, Supply Chain Management, Technological Forecasting & Social Change, Technology Analysis & Strategic Management, Telecommunications Policy, Transportation Research Part E.

various conferences and professional journals

References (familiar with my pedagogical, consulting and/or research work)

1. Mojca Indihar Štemberger, full professor, head of Information Systems and Logistics Department at University of Ljubljana, Faculty of Economics (mojca.stemberger@ef.uni-lj.si)
2. Kevin McCormack, director of DRK Research Institute (kmccorm241@aol.com)
3. Jan Mendling, full professor, Wirtschaftsuniversität Wien, Department of Information Systems & Operations, Institute for Information Business (jan.mendling@wu.ac.at)

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