Paper Presentation – Individual Assignment

OB - Organizations in the Digital Era
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The Industrial Engineering and Information Systems Programs

|83367-01|

1. *Select 1 paper – list below.*
2. *Individual presentations & Short Write-Up [~45 Minutes]: Week 3 – Week 12.*
3. *Sign Up @ Lemida Link.*
4. *Grading: 10%*

PURPOSE

1. Presentation of a scientific academic paper from the course domain.
2. Read, analyze and present in class the paper content and a critical analysis of the paper.

STRUCTURE

1. Title of the paper + authors + name of academic journal.
2. Abstract.
3. The motivation for the research - the problem/challenge the article deals with.
4. Research hypotheses / theoretical model.
5. Methodology: How was the research conducted? Key research tools?
6. Main findings including visualizations.
7. Conclusions: Key research contributions.
8. *Critical thinking:* A creative session of your choice! For example: an example from your organization; a guided class discussion; class quizz or poll; illustrative video, etc.

SUBMISSION

1. In Submission box ONLY - On day of presentation @ 10:00.
2. **2 Files:**
a) Presentation Slides – 8 slides MAX!
b) Short write up – Explaining your slides; 3 pages MAX, font 12.

*** PAPER SELECTION LIST ***

Week 2: Organizational Environment and Technology

1. Amini, M., & Jahanbakhsh Javid, N. (2023). A multi-perspective framework established on diffusion of innovation (DOI) theory and technology, organization and environment (TOE) framework toward supply chain management system based on cloud computing technology for small and medium enterprises. Organization and Environment (TOE) Framework Toward Supply Chain Management System Based on Cloud Computing Technology for Small and Medium Enterprises (January 2023). *International Journal of Information Technology and Innovation Adoption*, 11, 1217-1234. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4340207

2. Vial, G. (2021). Understanding digital transformation: A review and a research agenda. *Managing digital transformation*, 13-66. https://www.taylorfrancis.com/chapters/edit/10.4324/9781003008637-4/understanding-digital-transformation-gregory-vial

Week 3: Strategy, Org. Structures, KPI's

3. Beerepoot, I., Di Ciccio, C., Reijers, H. A., Rinderle-Ma, S., Bandara, W., Burattin, A., ... & Zerbato, F. (2023). The biggest business process management problems to solve before we die. Computers in Industry, 146,103837.https://www.sciencedirect.com/science/article/pii/S0166361522002330

4. Gelbard, R., Ramon-Gonen., R, Carmeli, A., M Bittmann, R., Talyansky, R., (2018). Sentiment analysis in organizational work: Towards an ontology of people analytics. Expert Systems, e12289. https://scholar.google.co.il/citations?view_op=view_citation&hl=en&user=aSf2bAUAAAAJ&citation_for_view=aSf2bAUAAAAJ:RGFaLdJalmkC

5. van de Ven, M., Lara Machado, P., Athanasopoulou, A., Aysolmaz, B., & Turetken, O. (2023). Key performance indicators for business models: a systematic review and catalog. *Information Systems and e-Business Management*, 21(3), 753-794. https://link.springer.com/article/10.1007/s10257-023-00650-2

Week 4: Employee Motivation and Performance

6. Hall, T., Sharp, H., Beecham, S., Baddoo, N., & Robinson, H. (2008). What do we know about developer motivation*?. IEEE Software*, 25(4), 92-94. https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=4548414

7. Sharma, S., Bhardwaj, S., Gupta, B. (2023). Algorithmic Control: A Disruption to Motivation of Gig Workers? A Critical Review. In: Vardarlıer, P. (eds) *Multidimensional and Strategic Outlook in Digital Business Transformation.* Contributions to Management Science. Springer, Cham. https://doi.org/10.1007/978-3-031-23432-3_1

Weeks 5-6: Team Work Modeling

8. Glassop, L. I. (2002). The organizational benefits of teams. *Human Relations*, 55(2), 225-249. https://journals.sagepub.com/doi/epdf/10.1177/0018726702055002184

9. Chalutz-Ben-Gal, H., Forma, I. A., & Singer, G. (2022). A flexible employee recruitment and compensation model: A bi-level optimization approach. *Computers & Industrial Engineering*, 165, 107916.https://www.sciencedirect.com/science/article/pii/S0360835221008202

10. Hopkins, J., & Bardoel, A. (2023). The future is hybrid: how organisations are designing and supporting sustainable hybrid work models in post-pandemic Australia. *Sustainability*, 15(4), 3086.https://www.mdpi.com/2071-1050/15/4/3086

Weeks 7-8: Organizational Research Methods / HRODM:

11. Levenson, A. (2015). *Strategic analytics: Advancing strategy execution and organizational effectiveness*. Berrett-Koehler Publishers.
https://biu.primo.exlibrisgroup.com/permalink/972BIU_INST/1b2mrro/alma9926582789405776

12. Chalutz Ben-Gal, H. (2019). An ROI-based review of HR analytics: practical implementation tools. *Personnel Review*, 48(6), 1429-1448.
https://www.emerald.com/insight/content/doi/10.1108/PR-11-2017-0362/full/pdf

13. Pessach, D., Singer, G., Avrahami, D., Chalutz- Ben-Gal, H., Shmueli, E., & Ben-Gal, I. (2020). Employees recruitment: A prescriptive analytics approach via machine learning and mathematical programming. *Decision Support Systems*, 113290.
https://doi.org/10.1016/j.dss.2020.113290

14. Chalutz-Ben Gal, H. (2023). Human Resources-Based Organizational Data Mining (HRODM): Themes, Trends, Focus, Future. In: Rokach, L., Maimon, O., Shmueli, E. (eds) Machine Learning for Data Science Handbook. Springer, Cham. https://doi.org/10.1007/978-3-031-24628-9_36

Week 9: Engineering Change Management Process

15. Huang, G. Q., Yee, W. Y., & Mak, K. L. (2023, June). Re-engineering the engineering change management process. In Advances in Concurrent Engineering (pp. 255-264). CRC Press.
16. Kotter, J. P. (2007). Leading change: Why transformation efforts fail. In Museum management and marketing (pp. 20-29). Routledge.
http://www.lighthouseconsultants.co.uk/wp-content/uploads/2010/08/Kotter-Leading-Change-Why-transformation-efforts-fail.pdf

Weeks 10-12: Artificial Intelligence and Work

17. Acemoglu, D., & Restrepo, P. (2018). Artificial intelligence, automation, and work. In *The Economics of Artificial Intelligence: An Agenda* (pp. 197-236). University of Chicago Press.
https://www.nber.org/system/files/chapters/c14027/c14027.pdf

18. Kellogg, K. C., Valentine, M. A., & Christin, A. (2020). Algorithms at work: The new contested terrain of control. *Academy of Management Annals*, 14(1), 366-410.
https://par.nsf.gov/servlets/purl/10195395

19. Simon, V., Rabin, N., & Chalutz-Ben Gal, H. (2023). Utilizing data driven methods to identify gender bias in LinkedIn profiles. *Information Processing & Management*, 60(5), 103423.
https://www.sciencedirect.com/science/article/pii/S0306457323001607

20. Chalutz-Ben Gal, H. (2023). Person–skill fit: Why a new form of employee fit is required. *Academy of Management Perspectives*, 37(2), 117-137.
Person–Skill Fit: Why a New Form of Employee Fit Is Required | Academy of Management Perspectives (aom.org)

21. Cohen, Y., & Chalutz–Ben Gal, H., (2024). Digital, Technological and AI Skills for Smart Production Work Environment, IFAC-PapersOnLine, Volume 58, Issue 19, 2024, Pages 545-550, ISSN 2405-8963,
https://doi.org/10.1016/j.ifacol.2024.09.269.
https://www.sciencedirect.com/science/article/pii/S2405896324016987

22. Tursunbayeva, A., & Gal, H. C. B. (2024). Adoption of artificial intelligence: A TOP framework-based checklist for digital leaders. *Business Horizons.*
https://www.sciencedirect.com/science/article/pii/S000768132400051X