



Proiect: PNRR Strengthening the digitalization of businesses in Eastern Europe – a micro and macro-level approach, CF nr. 760036/23.05.2023, cod 198/28.11.2022

Poziția: Cercetător științific Postdoctorand 1

Topics:

1. Digitalization and evolution of business models
2. Digitalization in manufacturing: Industry 4.0 technologies and solutions
3. Performance impact of Industry 4.0 technologies

References:

- Alkaraan, F., Albitar, K., Hussainey, K., & Venkatesh, V. (2022). Corporate transformation toward Industry 4.0 and financial performance: The influence of environmental, social, and governance (ESG). *Technological Forecasting and Social Change*, 175, 121423.
- Caputo, A., Pizzi, S., Pellegrini, M. M., & Dabić, M. (2021). Digitalization and business models: Where are we going? A science map of the field. *Journal of Business Research*, 123, 489-501.
- Cheng, Y., Matthiesen, R., Farooq, S., Johansen, J., Hu, H., & Ma, L. (2018). The evolution of investment patterns on advanced manufacturing technology (AMT) in manufacturing operations: A longitudinal analysis. *International Journal of Production Economics*, 203, 239-253.
- Culot, G., Nassimbeni, G., Orzes, G., & Sartor, M. (2020). Behind the definition of Industry 4.0: Analysis and open questions. *International Journal of Production Economics*, 226, 107617.
- Horváth, D., & Szabó, R. Z. (2019). Driving forces and barriers of Industry 4.0: Do multinational and small and medium-sized companies have equal opportunities? *Technological Forecasting and Social Change*, 146, 119-132.
- Iansiti, M., & Lakhani, K. R. (2014). Digital ubiquity: How connections, sensors, and data are revolutionizing business. *Harvard Business Review*, 92(11), 19.
- Kohtamäki, M., Parida, V., Oghazi, P., Gebauer, H., & Baines, T. (2019). Digital servitization business models in ecosystems: A theory of the firm. *Journal of Business Research*, 104, 380-392.
- Szász, L., Demeter, K., Rácz, B. G., & Losonci, D. (2021). Industry 4.0: a review and analysis of contingency and performance effects. *Journal of Manufacturing Technology Management*, 32(3), 667-694.