



The Impact of Industry 4.0 on Advanced Business Processes

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Abstract:

Business processes are undergoing complex challenges related to the fast-technological changes. The proper functionality of processes necessitates increased flexibility, higher reliability and augmented working speed of production systems and processes. The integration of information technology is accomplished by the development and use of cyber-physical systems, which actually are the enablers of the industrial alteration named "Industry 4.0". The debates about the digital transformation and competitive challenging advantages directed the industries to the creation of a new business vision named "Industry 4.0". Since the concept of Industry 4.0 and its impact on business processes is creating various challenges, this research addresses and examines the consequences and potentials of Industry 4.0 on advanced business transformation processes. The scope of this research is limited to the study of functional integration of Cyber-Physical Systems, Artificial Intelligence (AI) and Data Science (data security) providing the potential for the functioning of new technologies with focus on developing countries.

Biography

Ylber Limani has completed his PhD at the Vienna University of Technology. He is professor at the University for Business and Technology. He has published more than 21 papers in reputed journals, mentored more than 60



master students on their thesis, and co-mentored many PhD candidates. Latest, he published a book related to the transport and the economy.

Publication of speakers:

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