

**The 4<sup>th</sup> International conference on  
Logistics Operations Management – GOL'2018  
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**Plenary session**

**Abstract**

**Industry 4.0 - Business Models and Potentials for Logistics**

The logistic is considering as cross-cutting function through the entire company and is characterized by its greater quantity of interfaces. Therefore, a key requirement is to adapt to the ever-changing conditions. The digitalization of the manufacturing as well as service operations is growing rapidly. The associated development process to the industry 4.0 is shaped by permanent changes. In this case, the requirements of production as well as the associated processes are constantly changing as well. There are various opportunities for logistic to shape the logistic processes more efficient and more reliable in the future. As a part of decentralized networking and interaction of humans, machines and objects, there is a high potential for innovation in logistic and the opportunity to develop suitable business models. In this context, the currently industrial changes as well as the associated development of future business models for new value added concepts within the industry are shown. The focus is on the impact of changes of logistic sector in the framework of industry 4.0.

In the following years, logistics is being pushed from different directions to transformation and development. The digitalization of society and economy as well as the associated increasing requirements is one of the key driver for innovative solutions, more efficient processes and new business models. The digitalization is not just a great challenge, but also a chance for the industry to new market exploitation. For this purpose is shown suitable approaches to adapt already existing business models or to develop new business models.