

ABSTRACTS

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VISUALIZATION OF INDUSTRIAL PRODUCTION WITH THE DIGITAL TWO CONCEPT

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Abstract: The paper deals with the implementation of the concept of digital twin in industrial practice. The goal of the digital twin is to investigate the interaction of real production processes with digital simulation models, which are a detailed virtual copy of all processes, material flows, and possible states in a real production system. The interaction of production equipment and equipment simulation models will bring new insights into the dynamics of production and logistics processes that are currently accelerating.