ABSTRACTS

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Optimization of processes using simulation software elements

Marek Kliment
Technical university of Košice, Faculty of Mechanical Engineering, Department of Industrial and Digital engineering, Park Komenského 9, 042 00 Košice, Slovak Republic, EU, marek.kliment@tuke.sk

Miriam Pekarcikova
Technical university of Košice, Faculty of Mechanical Engineering, Department of Industrial and Digital engineering, Park Komenského 9, 042 00 Košice, Slovak Republic, EU, miriam.pekarcikova@tuke.sk (corresponding author)

Marek Mizerak
Technical university of Košice, Faculty of Mechanical Engineering, Department of Industrial and Digital engineering, Park Komenského 9, 042 00 Košice, Slovak Republic, EU, marek.mizerak@tuke.sk

Peter Trebuna
Technical university of Košice, Faculty of Mechanical Engineering, Department of Industrial and Digital engineering, Park Komenského 9, 042 00 Košice, Slovak Republic, EU, peter.trebuna@tuke.sk

Abstract: The aim of the article is to point out the advantages of simulation software, and the possibilities in solving process optimization, whether it is production processes or non-production processes. The essence of the entire improvement process is a thorough analysis and definition of the examined business processes and their parts in the entire volume. After identifying bottlenecks, it is optimal to set optimization criteria and goals. When using simulation software in the process, it is necessary to thoroughly redistribute and edit the data files for the needs of their application in the given software. This activity often represents a more demanding part of the process than the actual processing of simulation models and the subsequent testing of options for improving real processes in the digital environment.