

## **New trends in the use of modern computer systems in smart industrial polymer injection processes**

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### **Keywords:**

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### **Abstract:**

The scientific paper addresses in the highly competitive field, namely the current and prospective possibilities regarding the place and role of modern information systems in industrial polymer injection processes. The proposed research presents the industrial process of polymer injection for which the implementation of the most advanced computer systems useful for this field was sought. The study makes an important contribution, focusing on the place and role of modern computer systems that can be used in smart industrial polymer production processes. The computer system as an important part of the polymer injection process can lead to process optimizations, aspects that the authors presented in a personal way and at the same time documented in the proposed research.