



# ISMI 2018 & IEEE SMILE 2018

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Intelligence & IEEE International Conference on Smart Manufacturing,  
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## Keynote Speech (VII)

### Blockchain Technology for Smarter Operations

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**Abstract**— The talk discusses about the hot-grazing topic, the blockchain technology, and how it can improve our operations in a smarter way, by sharing the data transparently and securely. The blockchain technology, initiated from a recently popular cryptocurrency, Bitcoin, ensures the trust among distrusting entities. Therefore, to build autonomous interoperable control systems for smart factories with various IoT devices or for smart digitized supply chains, the blockchain technology can provide an important backbone. The speaker emphasizes that this technology is not just one of information technologies for the future but this technology also enables the decentralized self-governing paradigm against the centralized one.

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