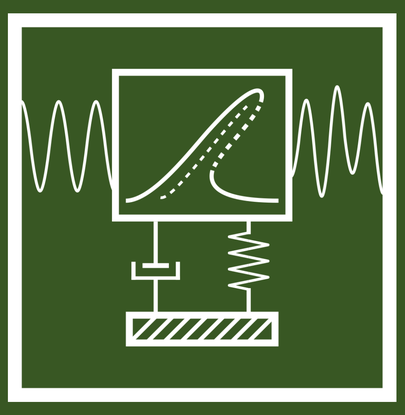
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Cryptography, Internet of Things (IoT), Blockchain, Cryptocurrency Business Value Chain



Eligijus Sakalauskas, Antanas Bendoraitis

1 Departnebt of Applied Mathematics, Kaunas University of technology, Title of the university, Kaunas, Lithuania

Corresponding author Eligijus Sakalauskas, e-mail: eligijus.Sakalauskas@ktu.lt

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Abstract. Cryptography provides information security in a wide area of applications, namely in blockchain and IoT technologies. The main blockchain application is for business processes monitoring and control. It is also associating with New Economic Movement and Industry Tokenization allowing to provide transparent Crowd Funding without brokers mediation.

Blockchain is also providing a transparent and trusted Business Value Chain integration with IoT technologies supported by tokens as a way to attract investors. IoT can be realized by robotics controlling physical events for Smart Contracts operation.

01

Methods. Digital signature, identification, key agreement protocol, encryption, blockchain technology.

02

Results. Integrating cryptographic methods in private blockchain the all required functionality is achieved required in private blockchain satisfying value chain confidentiality and authenticity.

03

Conclusions. **Cryptography, blockchain and robotics integration allows to create entire value chain**

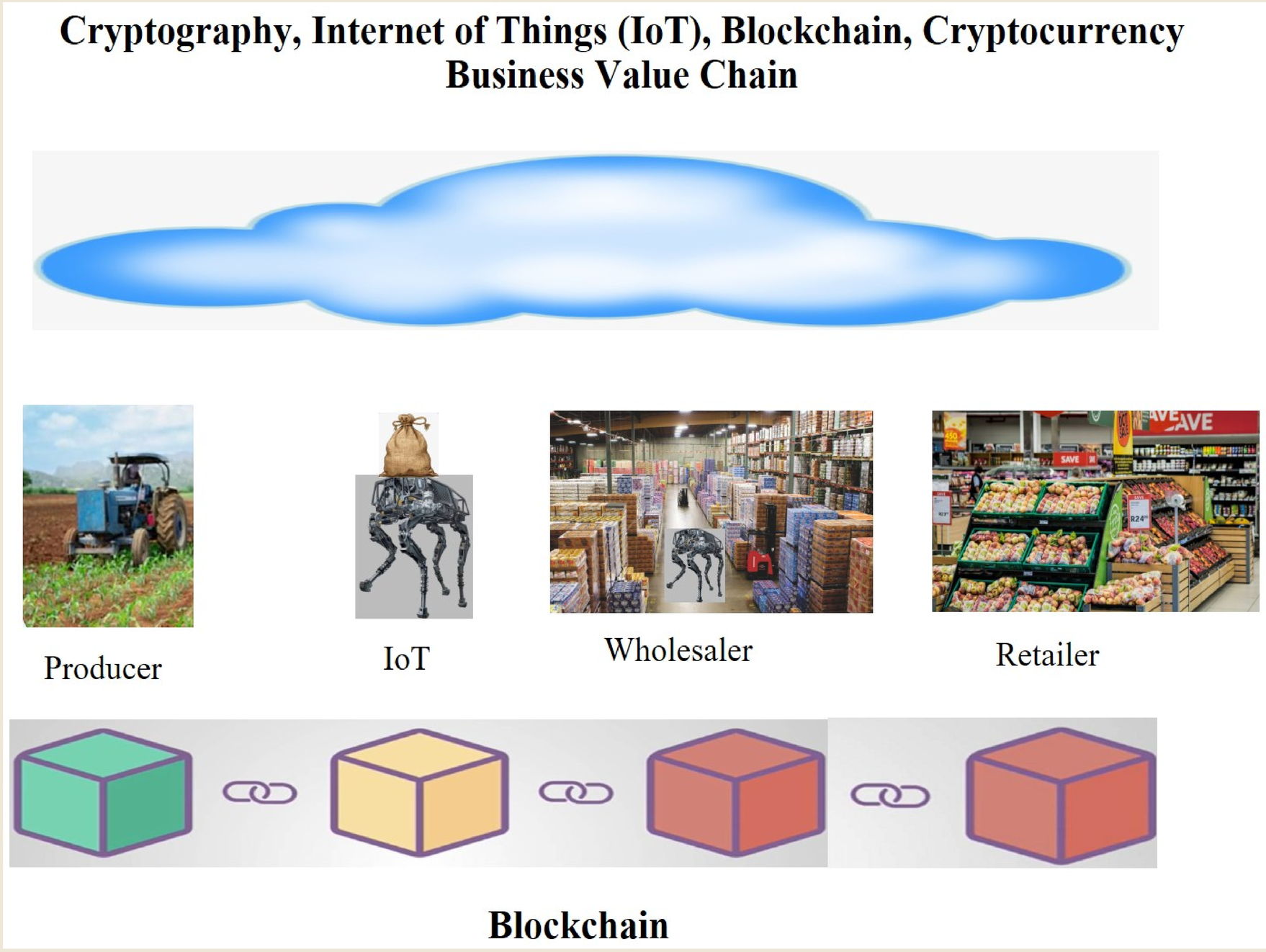


Fig 1. Schematic of the set-up / model.

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