



LINKS FOUNDATION

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UNIPI | 22 MAGGIO 2020

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OverTheBlock - Blockchain Innovation Observatory

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ABOUT

PROJECTS

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ACCESS INSIGHTS

**We research and advise on
blockchain innovation**

Is decentralization bringing open innovation to a whole new level?

- Next Generation Social Media
- Digital Rights Management (DRM)
- B2B Digital Handshaking
- Fashion and Second Hand Market
- Supply Chain for Agrifood
- Commons
- Decentralized Finance (DeFi)
- Decentralized Organizations (DAO)
- Tech convergence (DLT+AI)



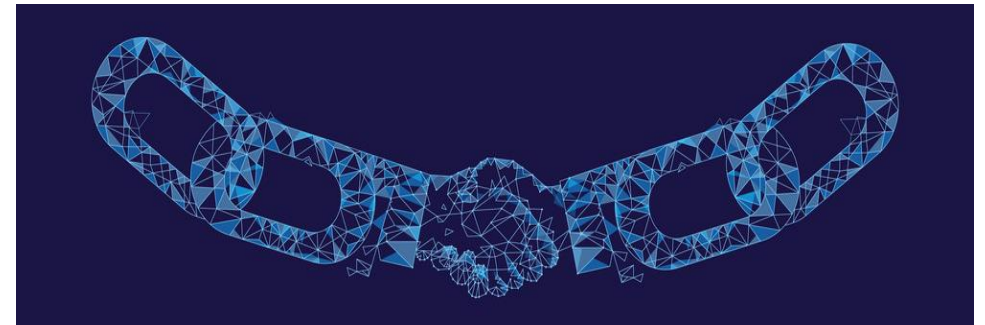
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DLT4DH: Blockchain for Digital Handshaking

- The thesis will focus on the study, the design and the implementation of a **Digital Handshake Proof-of-Concept** (PoC) based on Blockchain technologies to provide a secure, fast and reliable way to **manage contracts and agreements between small providers/sellers and their customers**. Such a system will allow two users, who might be two artisans or an artisan and her/his customer, to virtually agree on simple contract terms.
- Blockchain technologies potentially involved:
 - Hyperledger
 - Ethereum, EOSIO
 - Smart Contracts
 - Wallet Dapps
 - ERC20 token and token design mechanisms
- Programming skills:
 - Solidity, C++, GoLang, Javascript, Node.js



CONDAO: Condos as Decentralized Autonomous Organizations

- The thesis will focus on the design, implementation and simulation of the mechanisms of a **Decentralized Autonomous Organization (DAO)** aiming at **digitalizing condominium administration processes**. The goal is to demonstrate that the application of DLTs to a traditional process, such as **administration of condominiums**, can have a relevant impact on levels of efficiency, transparency and trust.
- Blockchain technologies potentially involved:
 - EOSIO
 - Smart Contracts
 - Token design mechanisms
- Programming skills:
 - Solidity, C++, GoLang, Javascript, Node.js





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