

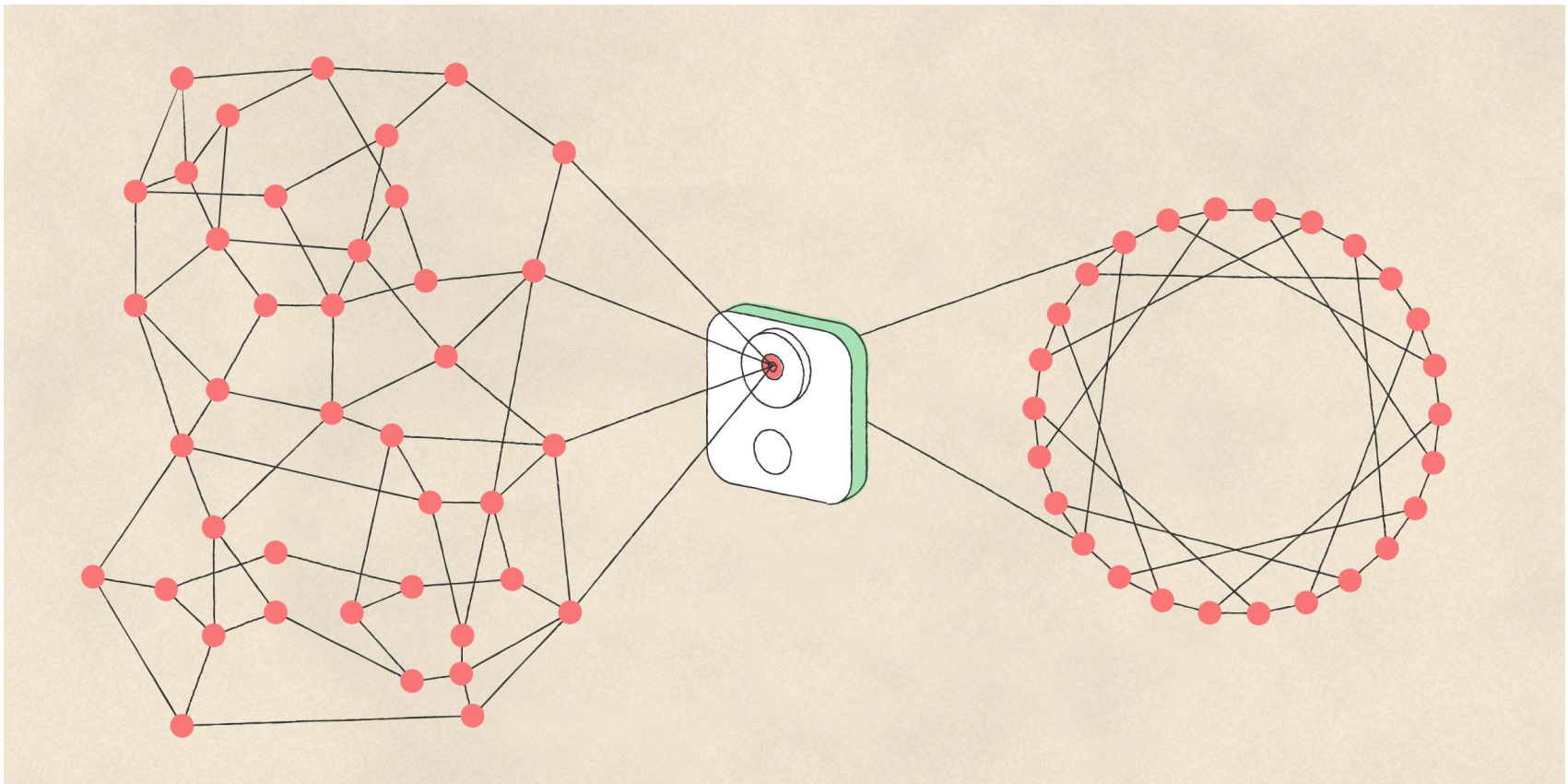


Decentralized Artificial Intelligence

Ernest Duarte

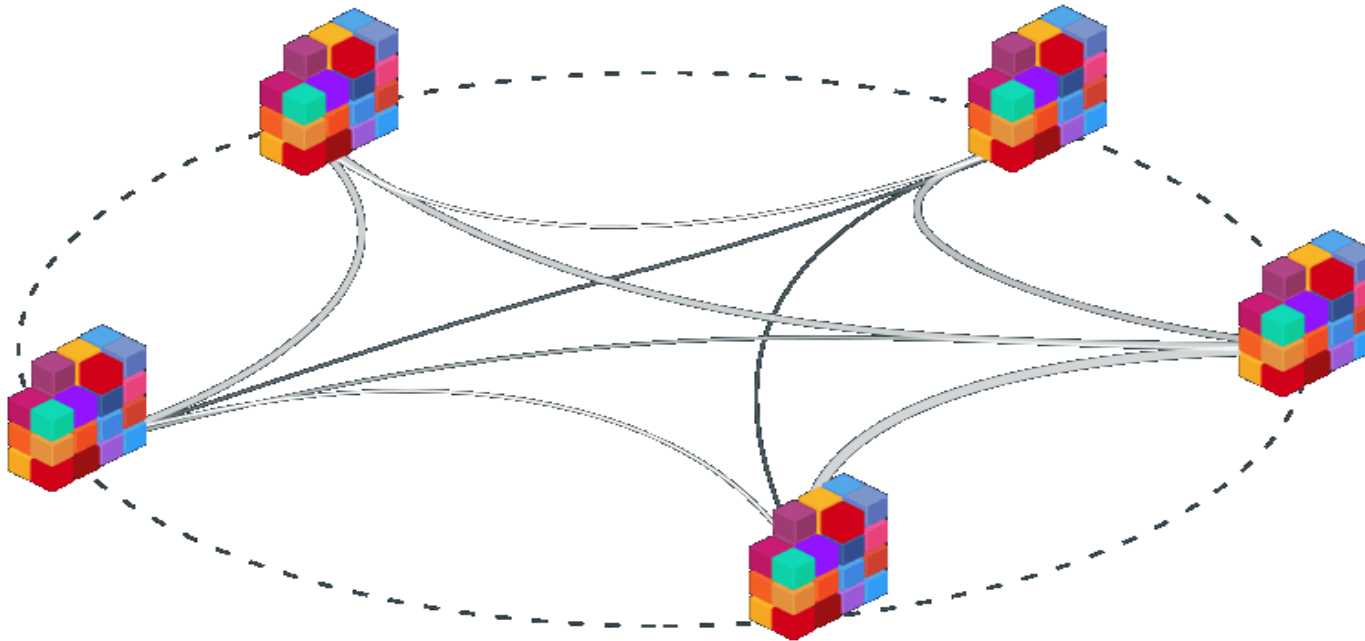
Introduction

- DLT – Blockchain : Distributed ledger




Introduction

- DLT – Blockchain : Decentralized Systems



Introduction Blockchain

- Decentralized Disintermediation Systems
- MarketPlaces 
- DAO Decentralized Autonomous Organization



A.I. and Blockchain Combination

SingularityNET Addresses Three Critical Goals

Transitioning
From Narrow AI
to Artificial
General
Intelligence

Providing
Businesses with
Smarter,
Broader,
More Automated
AI Services

Ensuring AI
Is Applied
For the
Common Good

Artificial Intelligence, Robotics & #Blockchain: Dr. Ben Goertzel & Sophia
The Robot

<https://www.youtube.com/watch?v=1rrBBfVBx2Q>



SingularityNET: The first decentralised AI marketplace

- SingularityNET intends to make AI accessible as a global commons for all.
- A.I. marketplace where companies can buy and sell A.I. algorithms, machine learning tools and data sets on a global scale, facilitating growth of the industry.
- Blockchain has the potential to democratize A.I.

<https://medium.com/the-ethical-blockchain/a-i-and-blockchain-the-ultimate-combination-290224db485>

A.I. and Blockchain Combination

- <https://www.cortexlabs.ai/>



- MATRIX AI Network
- <https://www.matrix.io/>
- <https://holochain.org/>



Conclusion

combination AI + DLT

- Decentralized AI
- Democratized AI
- Control Supervised AI
- Operational automation and decision automation
- Humans take on ethical responsibility

References

- <https://medium.com/the-ethical-blockchain/a-i-and-blockchain-the-ultimate-combination-290224db485>
- <https://www.youtube.com/watch?v=1rrBBfVBx2Q>
- <https://www.neurochaintech.io/blockchain-artificial-intelligence/>
- <https://www-forbes-com.cdn.ampproject.org/c/s/www.forbes.com/sites/bernardmarr/2018/03/02/artificial-intelligence-and-blockchain-3-major-benefits-of-combining-these-two-mega-trends/amp/>



References

<https://emerj.com/ai-sector-overviews/ai-in-blockchain/>

<https://www.matrix.io/>

<https://medium.com/outlier-ventures-io/what-does-artificial-intelligence-have-to-do-with-blockchains-cc8b3f8afc4b>

<https://www.youtube.com/watch?v=1rrBBfVBx2Q>

<https://medium.com/bica-labs/how-blockchain-relates-to-artificial-intelligence-f0111f39afc9>

Blockchain and Artificial Intelligence :
<https://arxiv.org/ftp/arxiv/papers/1802/1802.04451.pdf>

<https://nvlpubs.nist.gov/nistpubs/ir/2018/NIST.IR.8202.pdf>