Ethereum for Investors

Part II

On Value
Opportunities & Risks

Timeline

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  - Technological improvements over Bitcoin
  - Smart Contracts
  - ĐAPPS -- Decentralized Applications
  - Proof of Stake
  - Scalability

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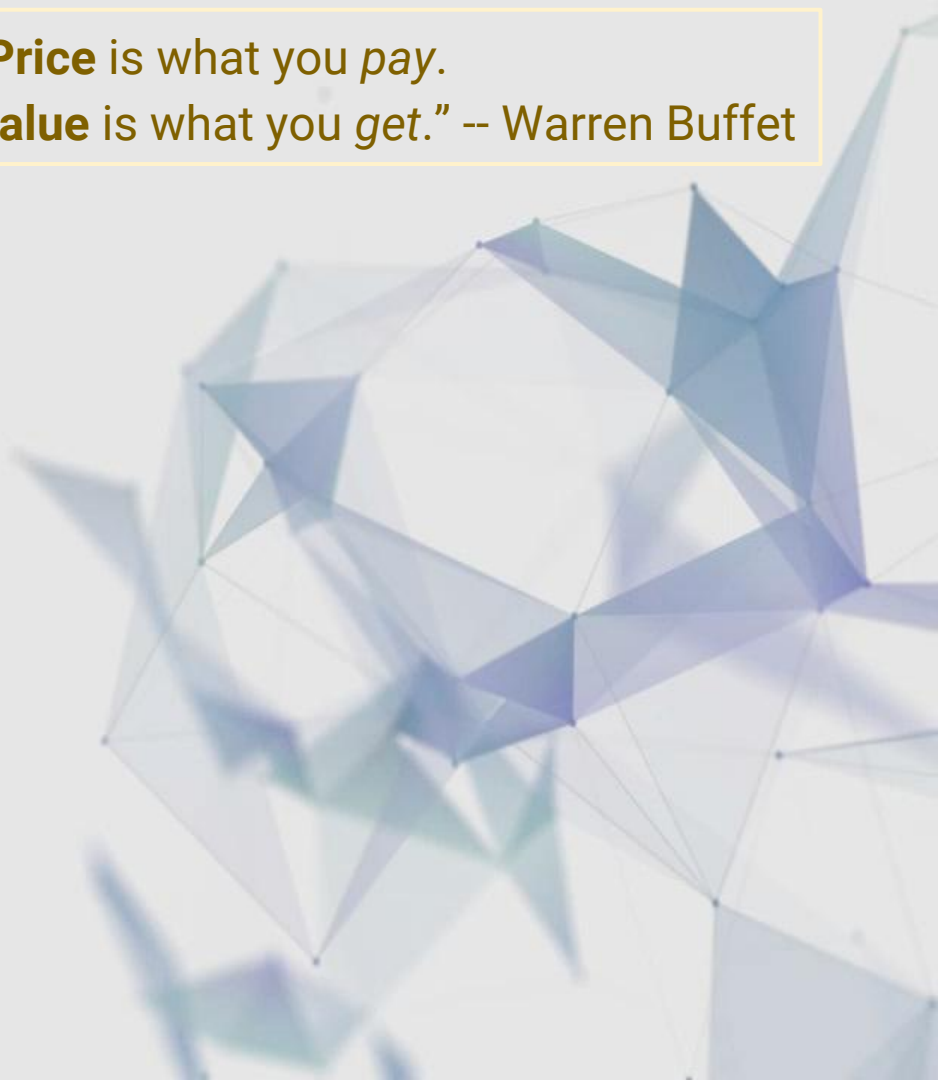

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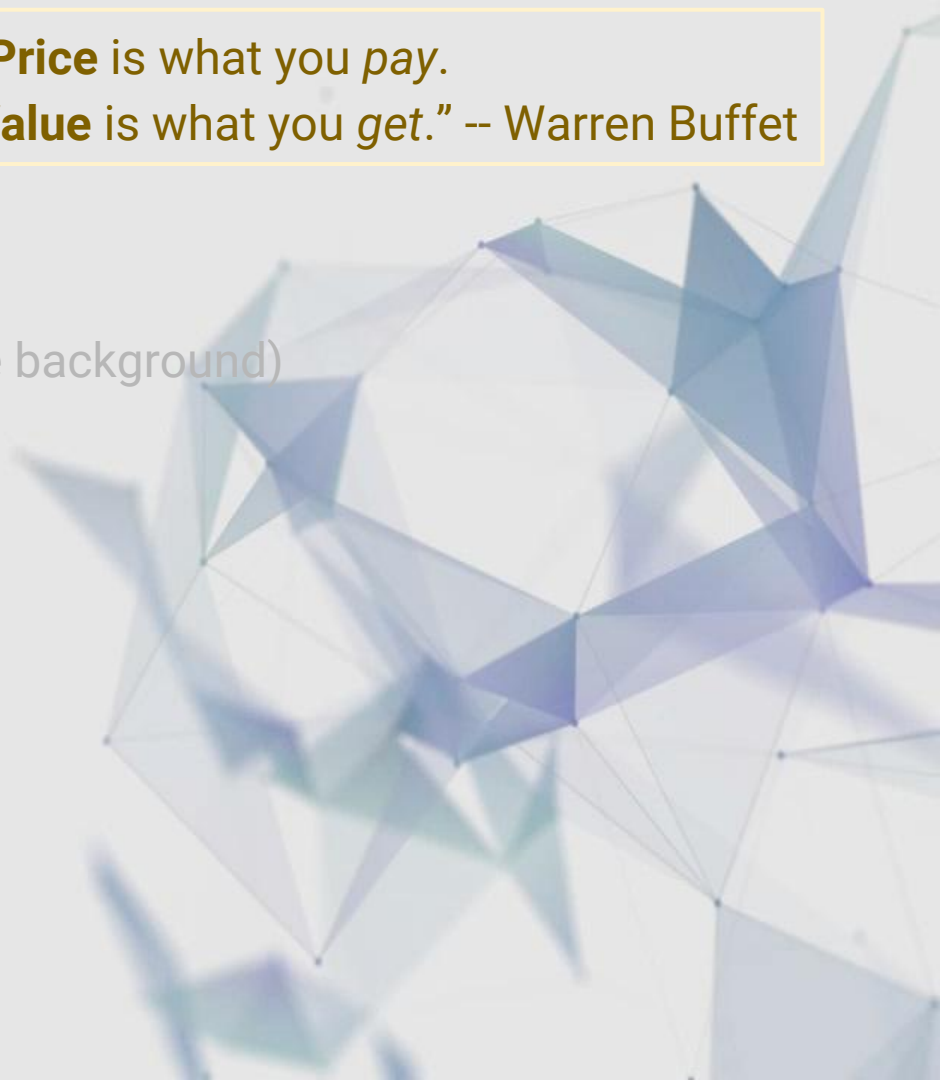

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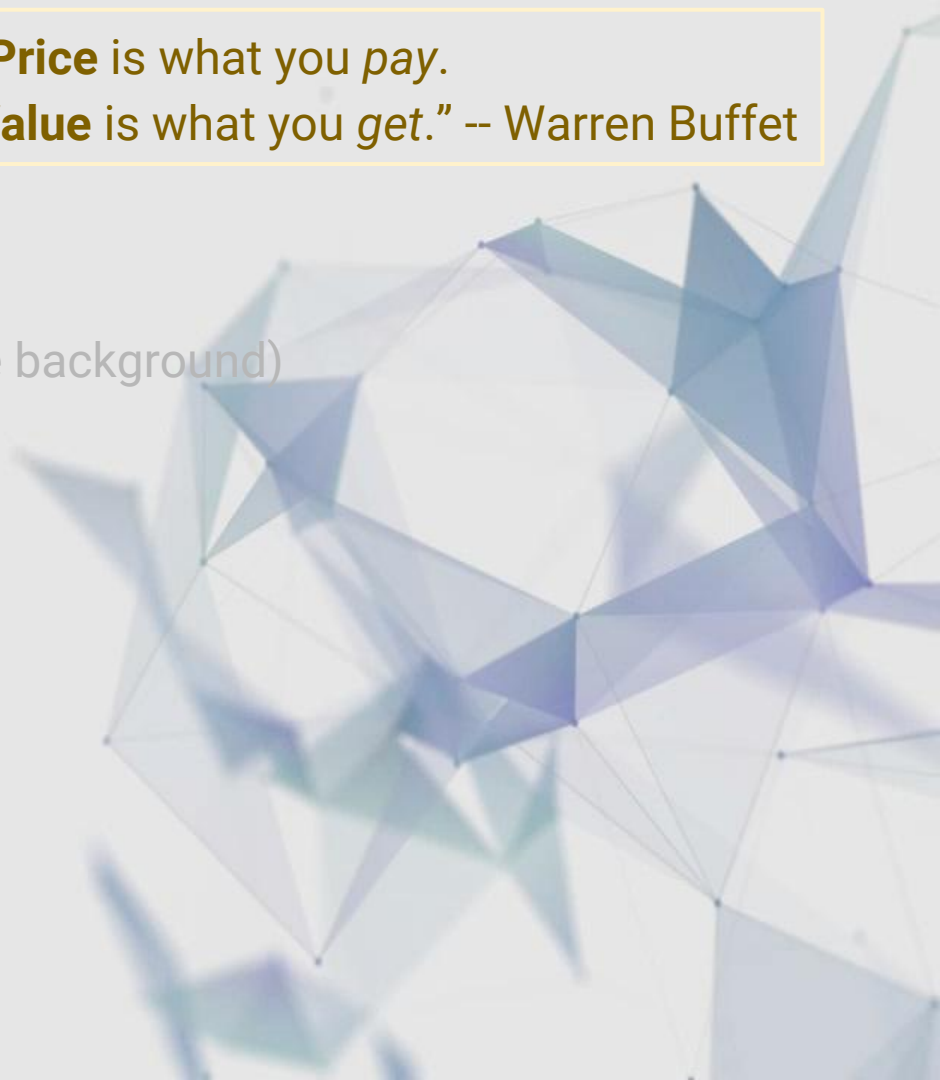

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Ether: the currency

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General Statistics:
https://etherchain.org/statistics/basic

Market Cap & Prices:
http://coinmarketcap.com/currencies/ethereum/
https://www.coingecko.com/en/price_charts/ethereum/usd

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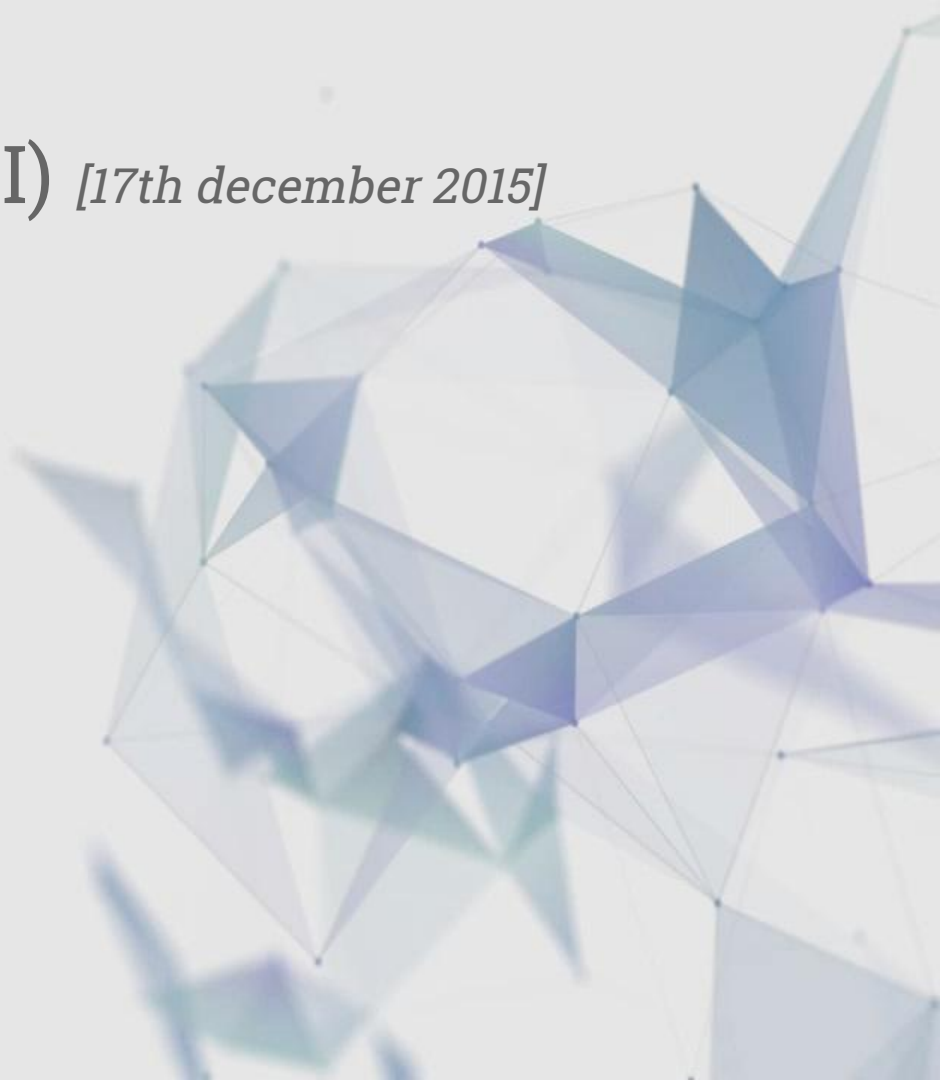

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In the Future: **Proof of Stake**

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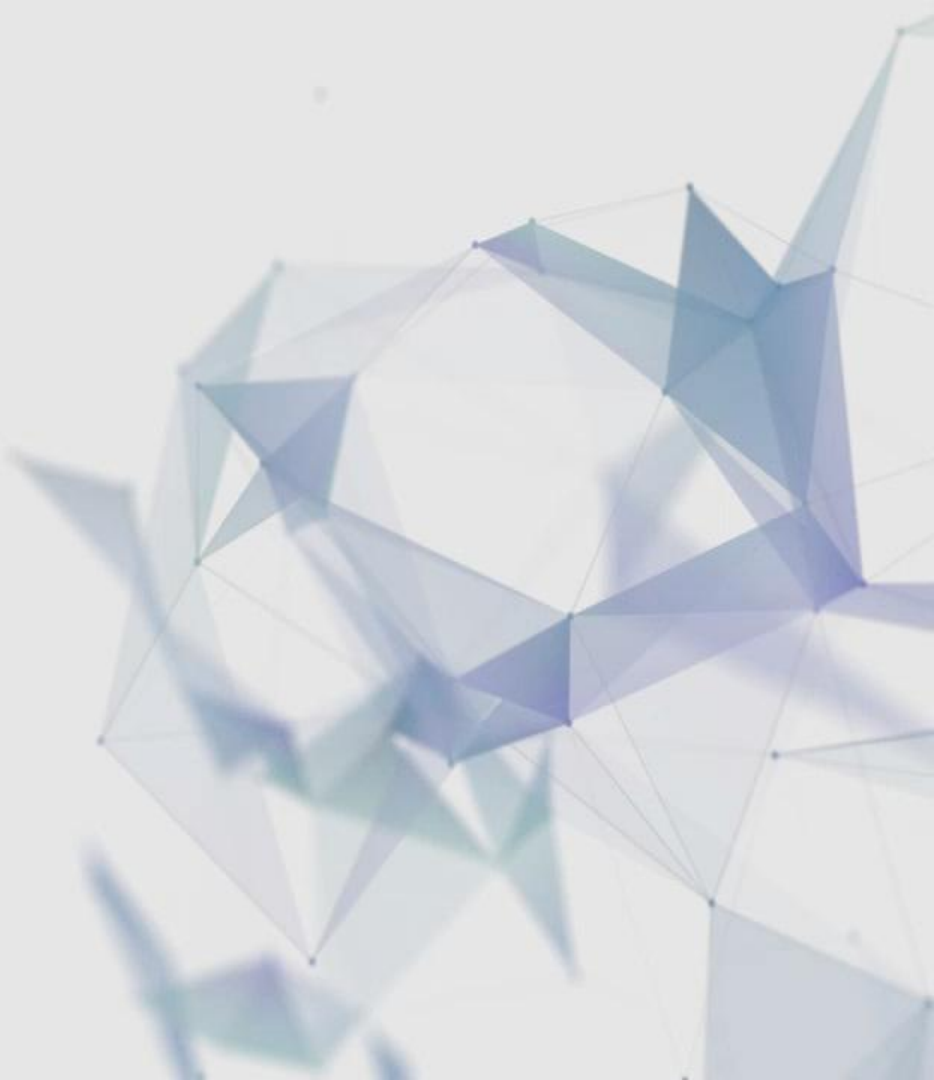

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https://blog.ethereum.org/2015/03/03/ethereum-launch-process/

Underlying algorithms: SHA256, Merkle trees (BSMT, Patricia Trees,...), ECC, AES-256 (CTR mode).
EIP101: Crypto Abstraction: +ed25519, +Lamport (Quantum-safe), etc.

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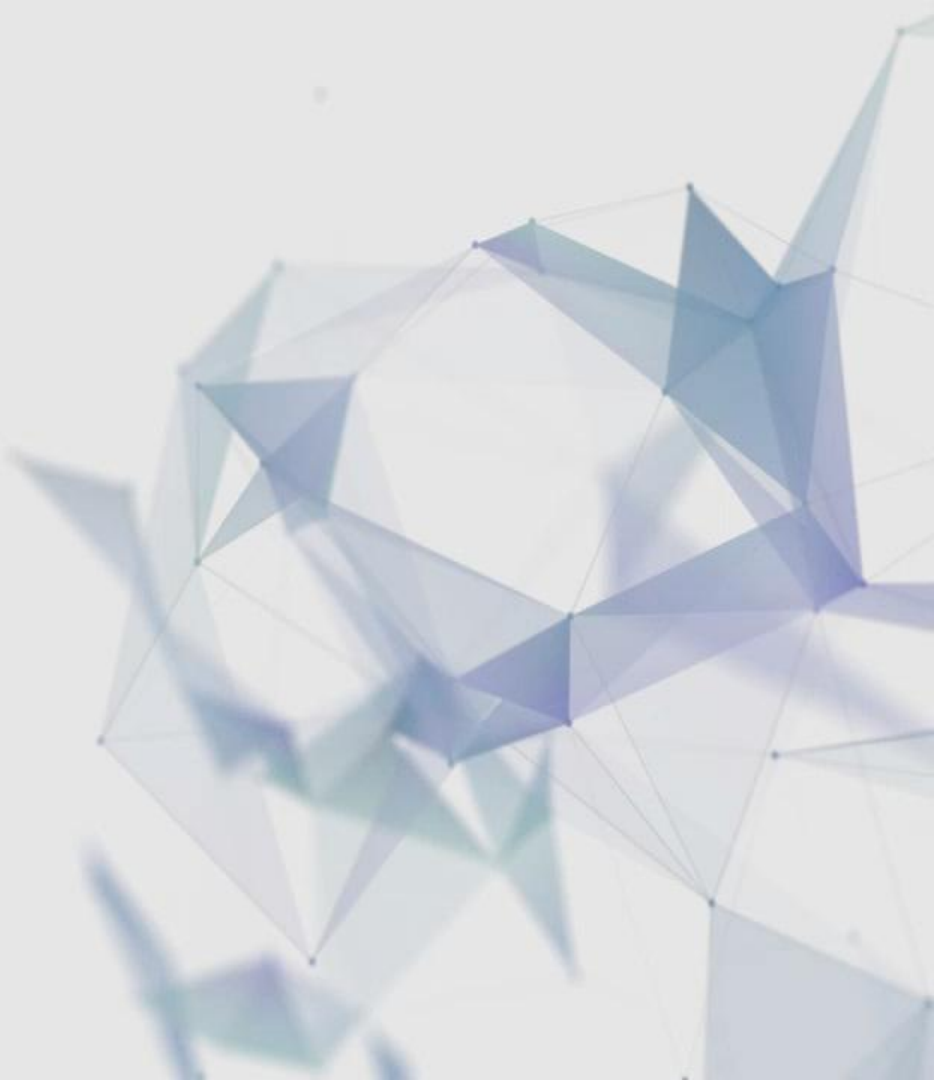
Projects & Startups

Predictions Markets

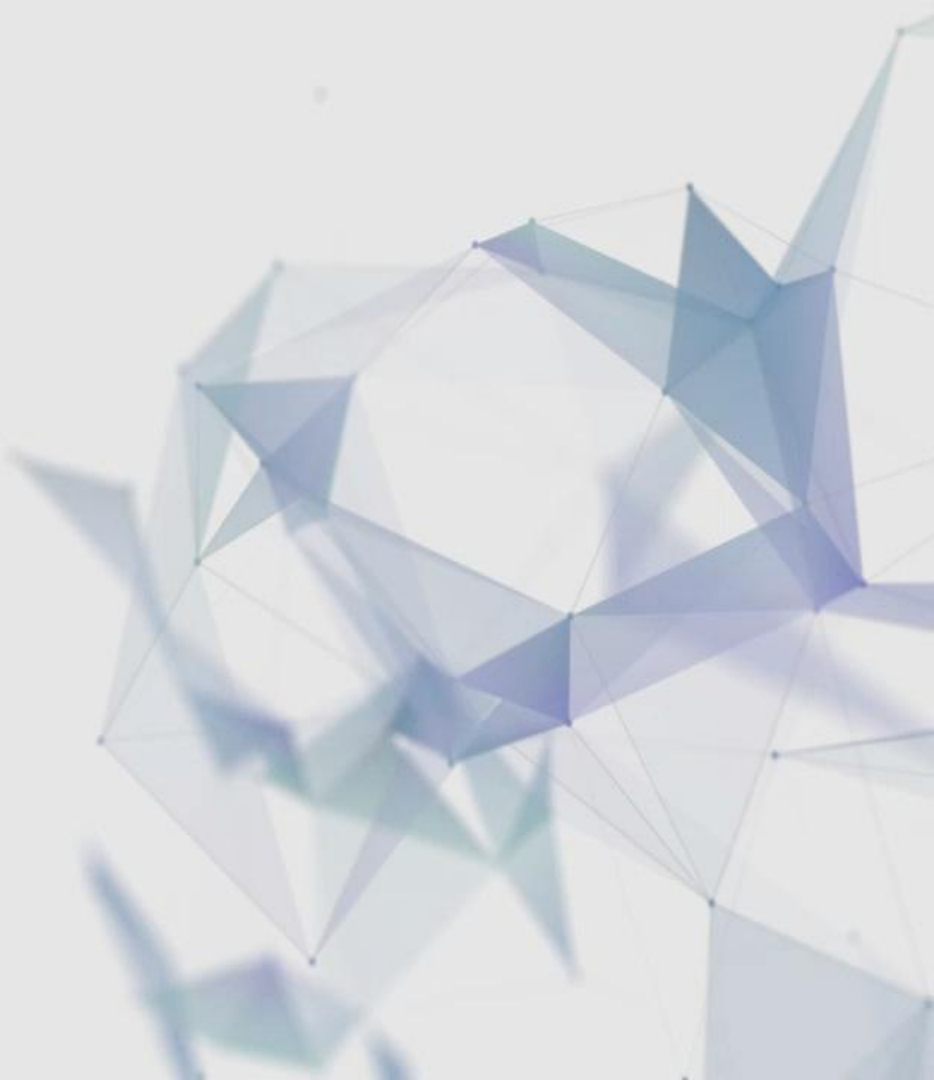
Augur
GroupGnosis

augur



augur

- Prediction Market
  - Non-profit (for now)
  - Working with regulators



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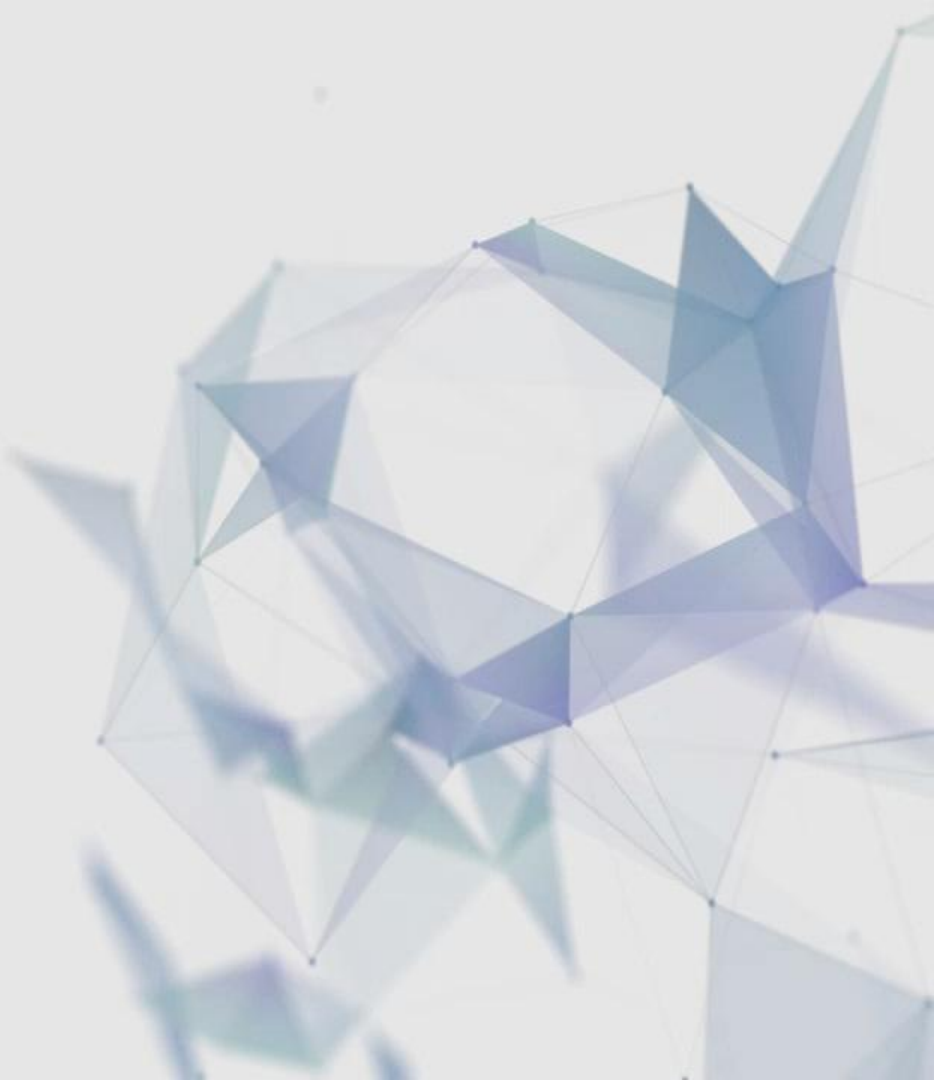

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augur

$5,318,332.68 USD* raised { **19053.92442** BTC
1176816.43 ETH
4851 Accounts

Oct 1st, 12:00pm (EST) **Sale Ended**

GroupGnosis

Martin Köppelmann (ConsenSys)

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- Prediction market
  - Sports
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  - Finance

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GroupGnosis

- Prediction market
  - Sports
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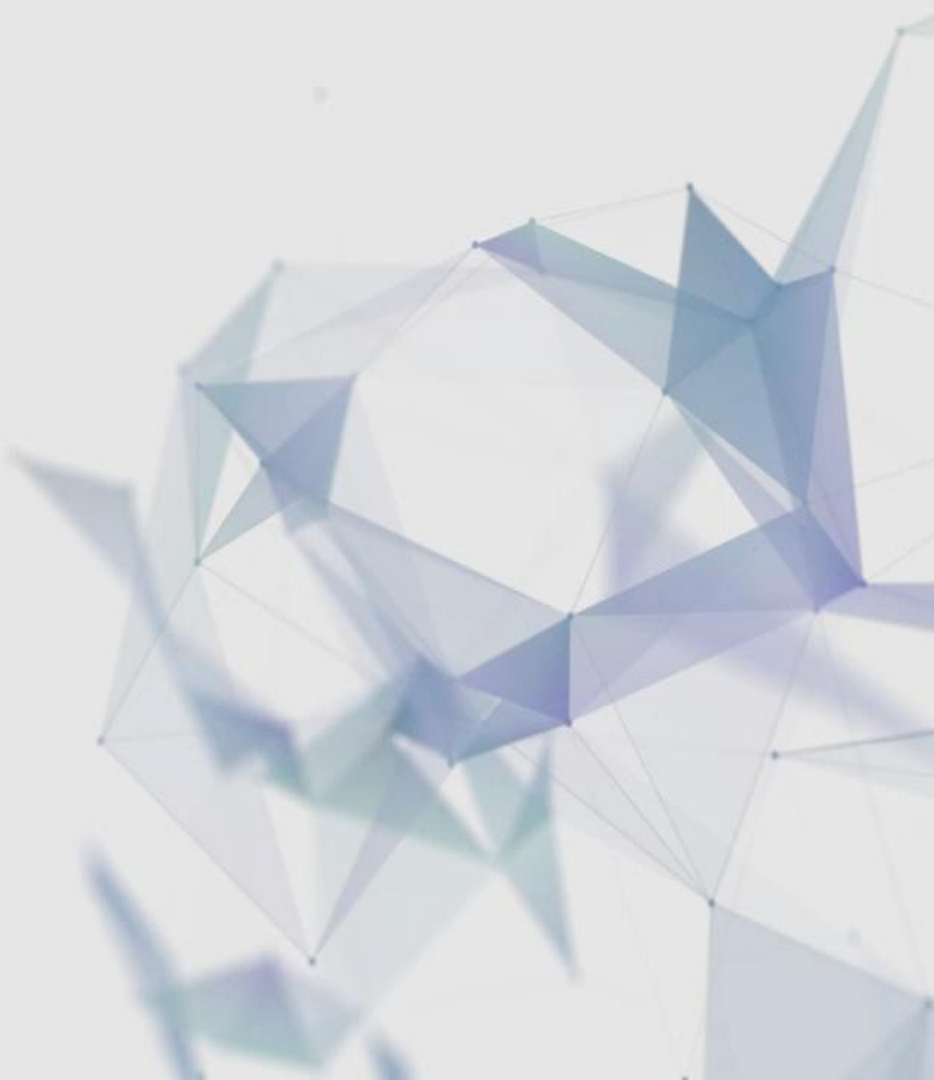
  - Finance
- Doesn’t rely on reputation
  - The validators are known in the community
  - How this is done may likely change in the future

Martin Köppelmann (ConsenSys)

Smart Property

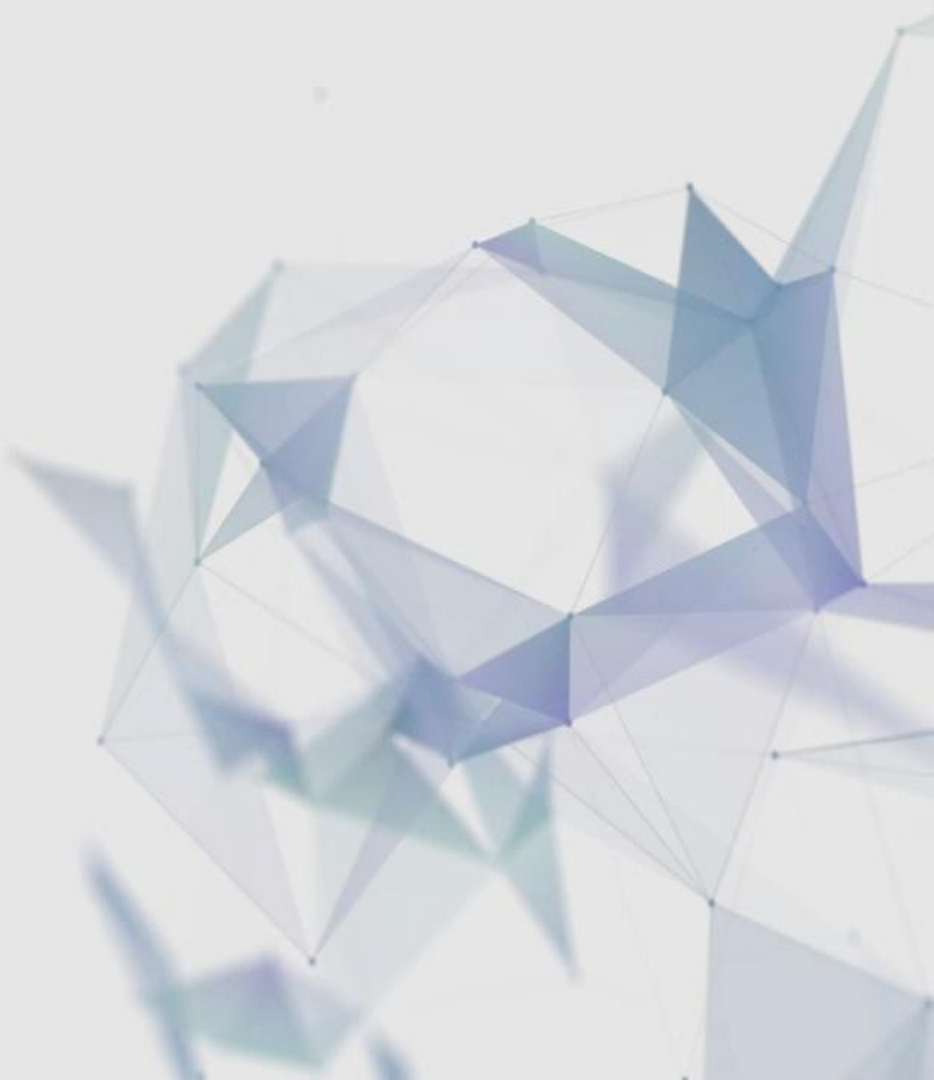
Slock.it
Airlock
Digix
Ujo Music

Slock.it



Slock.it

- Slock: *Smart, Safe and Secure Lock*



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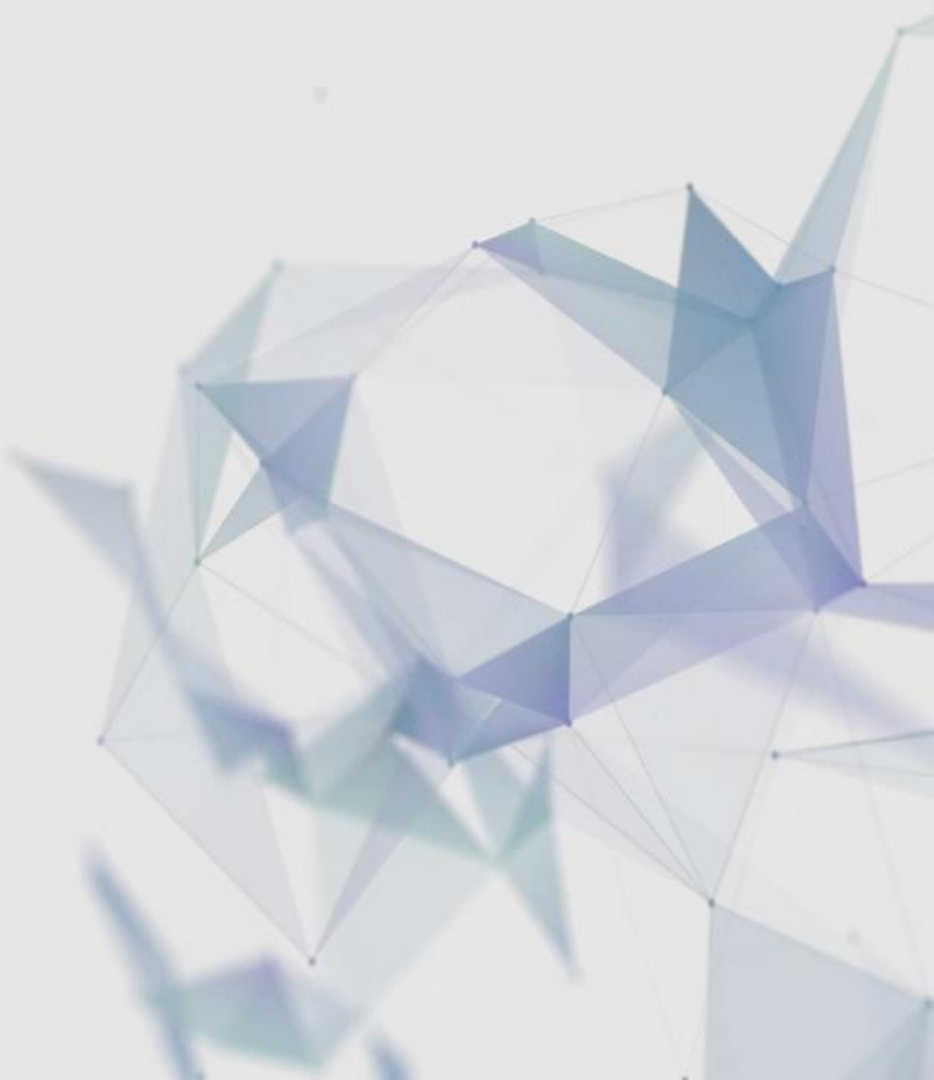

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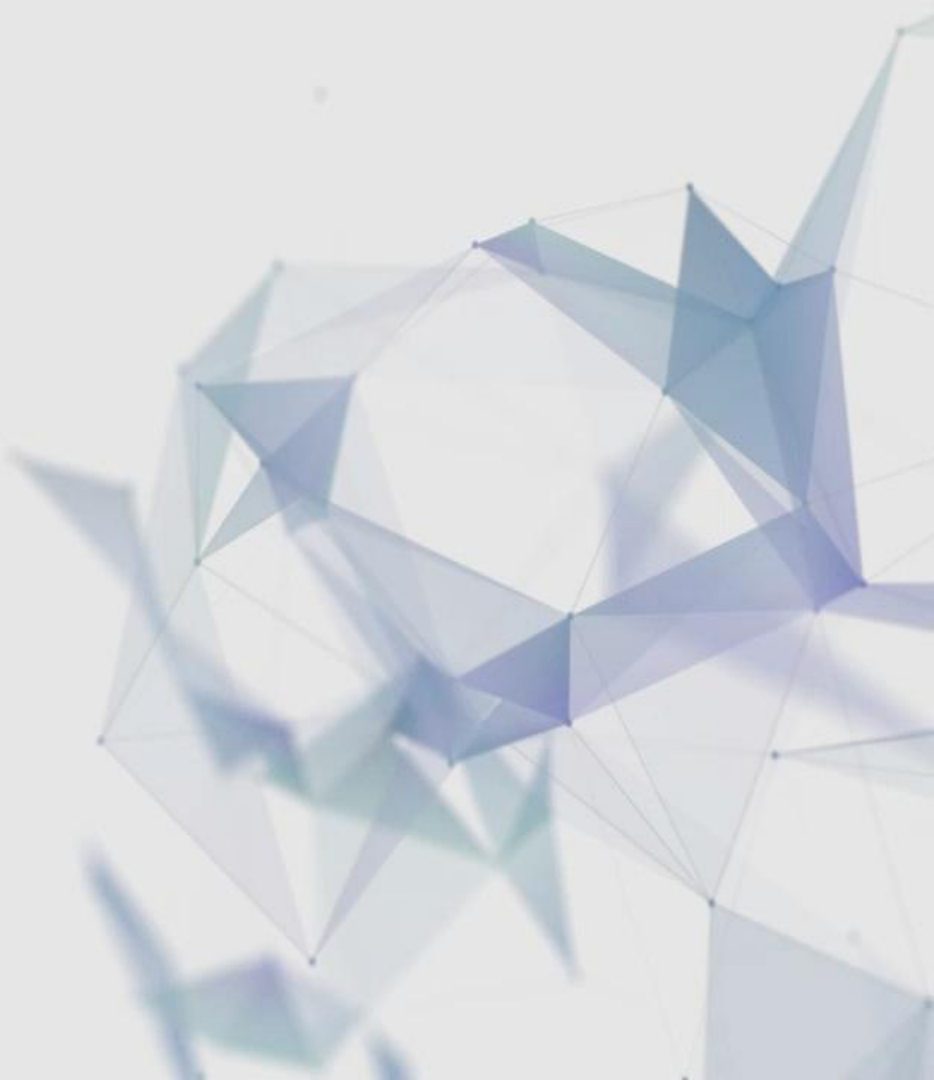
  - “If you can lock, you can Slock it”



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- Presale (in Ether -- and other crypto with SS)

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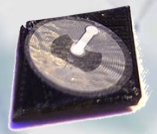

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Presale (early 2016): http://slock.it/index.html#presale

FAQ (really good content): http://slock.it/faq.md

more at http://slock.it/faq.md#a1

What are 'Slocks'?

'Slock' is a porte-manteau of 'Smart, Safe and Secure Lock'. Any object supporting ZigBee, Z-Wave, Bluetooth LE or Wi-Fi can already be used as a Slock thanks to our first product, the Ethereum Computer. When it comes to powering up a ‘dumb’ object, it will just be a case of retrofitting it using smart plugs. Slocks will also come in many shapes and sizes: bike locks, car locks and door locks are already being explored through partnerships with IoT manufacturers.

How do Slocks work?

The owner of a Slock sets a deposit amount and a price for using the item. A user can find the Slock and its price using the mobile app then make a payment on the Ethereum blockchain, thereby gaining permission to open or close that Slock. A deposit is held as collateral in a smart contract until the user returns the item. The smart contract is automatically enforced, with the deposit returned to the user minus the cost of the rental, which in turn will be automatically disbursed to the owner of the Slock. All of this happens without any assistance from any third-party.

Will users have to pay every time they use a Slock?

They won't have to, only renting access to the lock costs money. Any current user (which could also include the owner) sends Whisper-signed messages (which do not cost anything) to open or close the door.

What is Slock.it potential market?

more at http://slock.it/faq.md#a1

Anywhere where there are underused assets such as parked cars, parking slots or temporarily vacant apartments, there is an entrepreneur who can make a profit using SLock.it. Our solution enables both consumers and businesses to turn these assets into income. Almost anything can be retrofitted with a Slock: homes, offices, power tools, bicycles, household electronics, cars, motorcycles and of course lockers.

The sharing economy has created 17 different billion-dollar companies with 60,000 employees.
The sector has received close to $15 billion in funding so far and its global yearly revenue is projected to reach $335 billion by 2025 (source: PWC).

We believe that very soon, cars will be available for rent in the streets of every city, Airbnbs will be fully automated, and small business owners will prefer to rent private work spaces on demand rather than commit to complex leases. Owners in a sharing economy become both consumers and producers, leveraging Slocks to earn an income without losing revenue to any third party.

The millennials' philosophy is fast becoming "If you can rent it, why own it". 66% of the world is willing to share or rent their personal assets for financial gain, and that figure is as high as 94% in China. We believe Slock.it is uniquely placed to address those needs worldwide, today.

more at http://slock.it/faq.md#a4

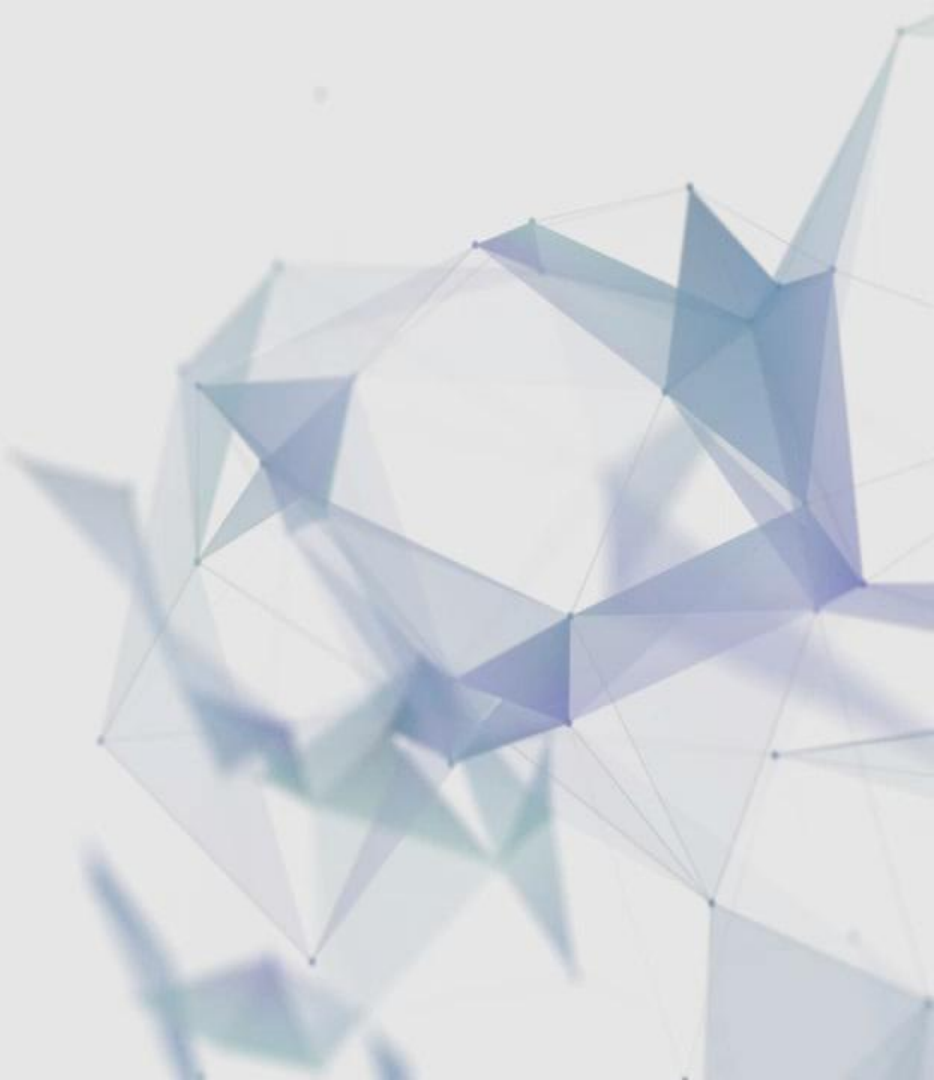
Why do a Slock token presale?

We're using smart contracts build on the Ethereum blockchain so people all over the world can be empowered to build a new future for the sharing economy, and in exchange for their early help, they will receive a reward in the form of Slock tokens which holds many benefits. In order to keep governance fair and decentralized, a DAO will be created so that the funds held by the sharing community will never be centrally managed. A small fee representing the cost of decentralization is taken from each Slock transaction not paid in Slock tokens and returned to the DAO, giving it an option to reinvest the profits to support its growth. Slock tokens holders will be able to vote on important decisions relating to the management of the DAO, including redistributing profits amongst Slock token holders.

What are Slock tokens?

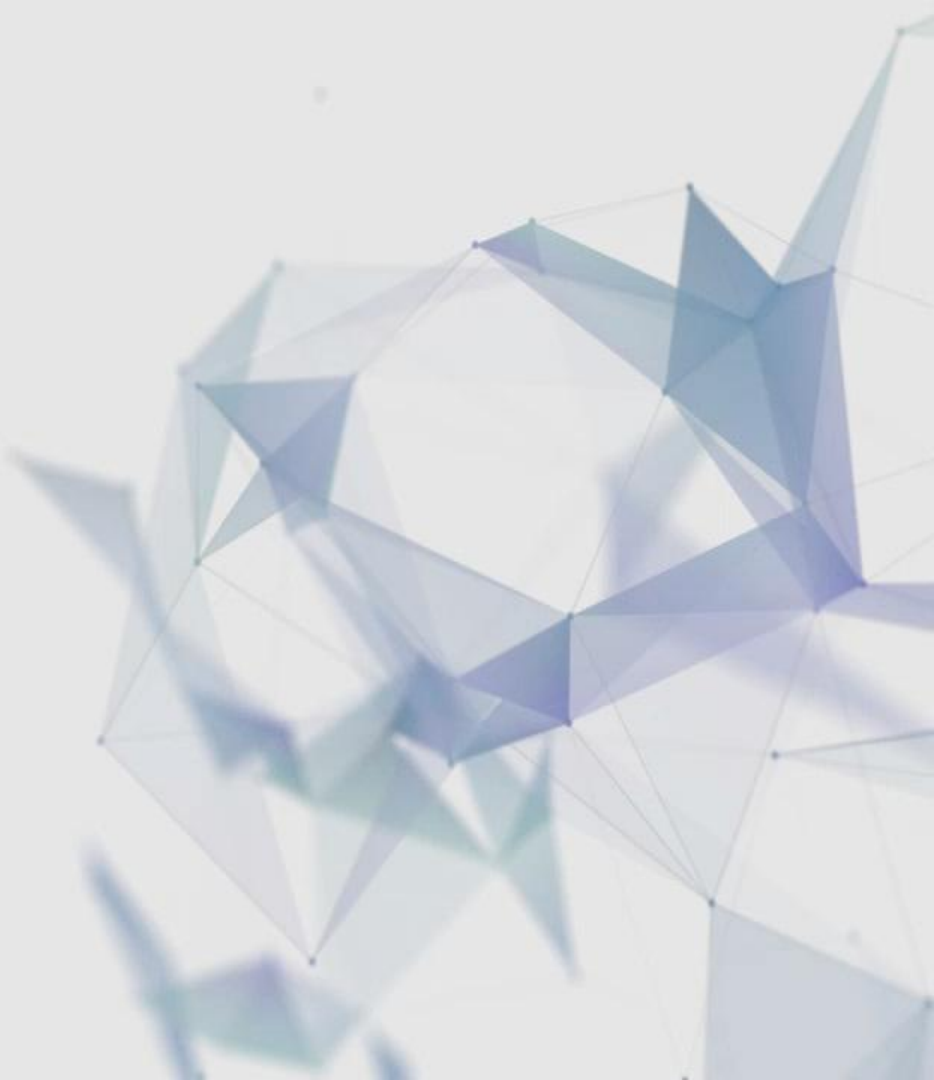
Slock tokens allows the holders to: Vote on important issues in the DAO Open or close Slocks without having to pay a fee to the DAO Trade them peer to peer or on exchanges If voted by the DAO, get access to a portion of the profits generated by Slocks, proportionally to how many tokens they hold

airlock



airlock

- Smart property
- Details to be released



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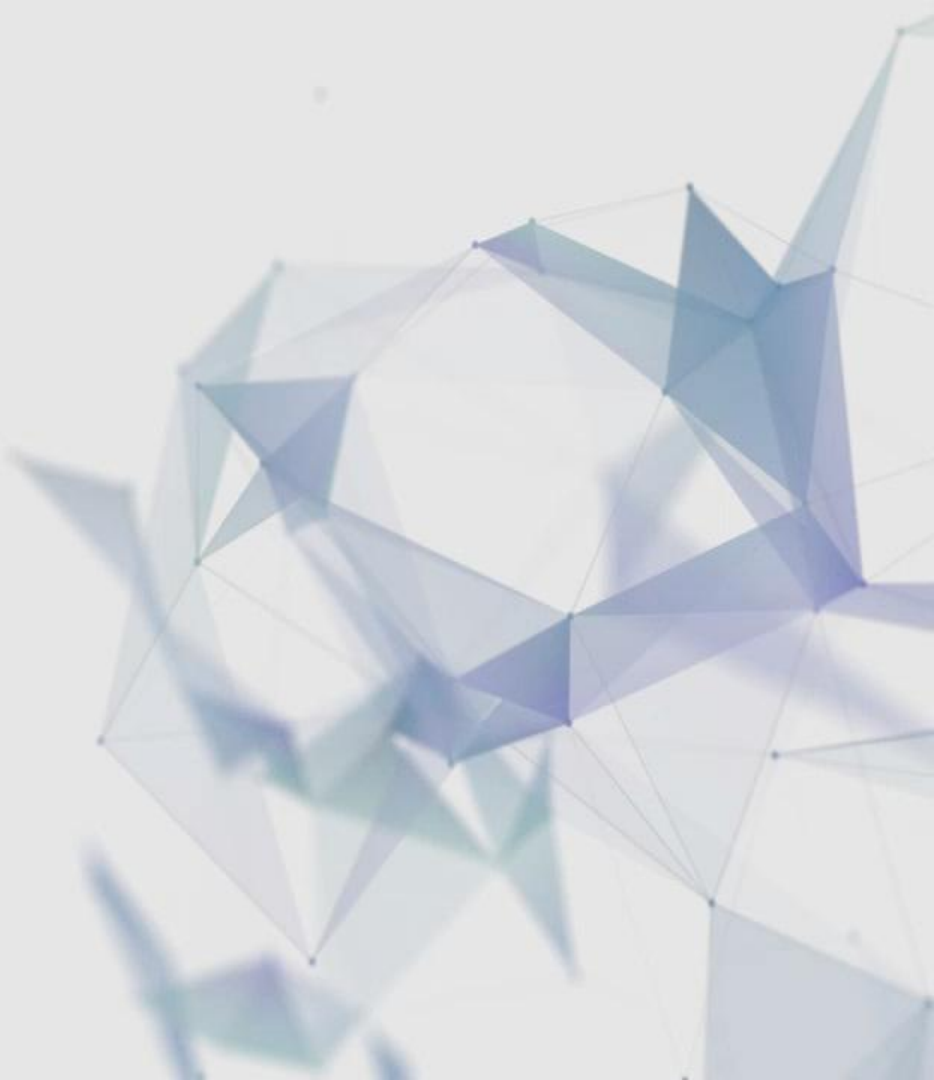
http://airlock.me/

Team:

John Gerryts
Alex Leverington
Zaki Hasnain
Nate Wolfe

digix



digix

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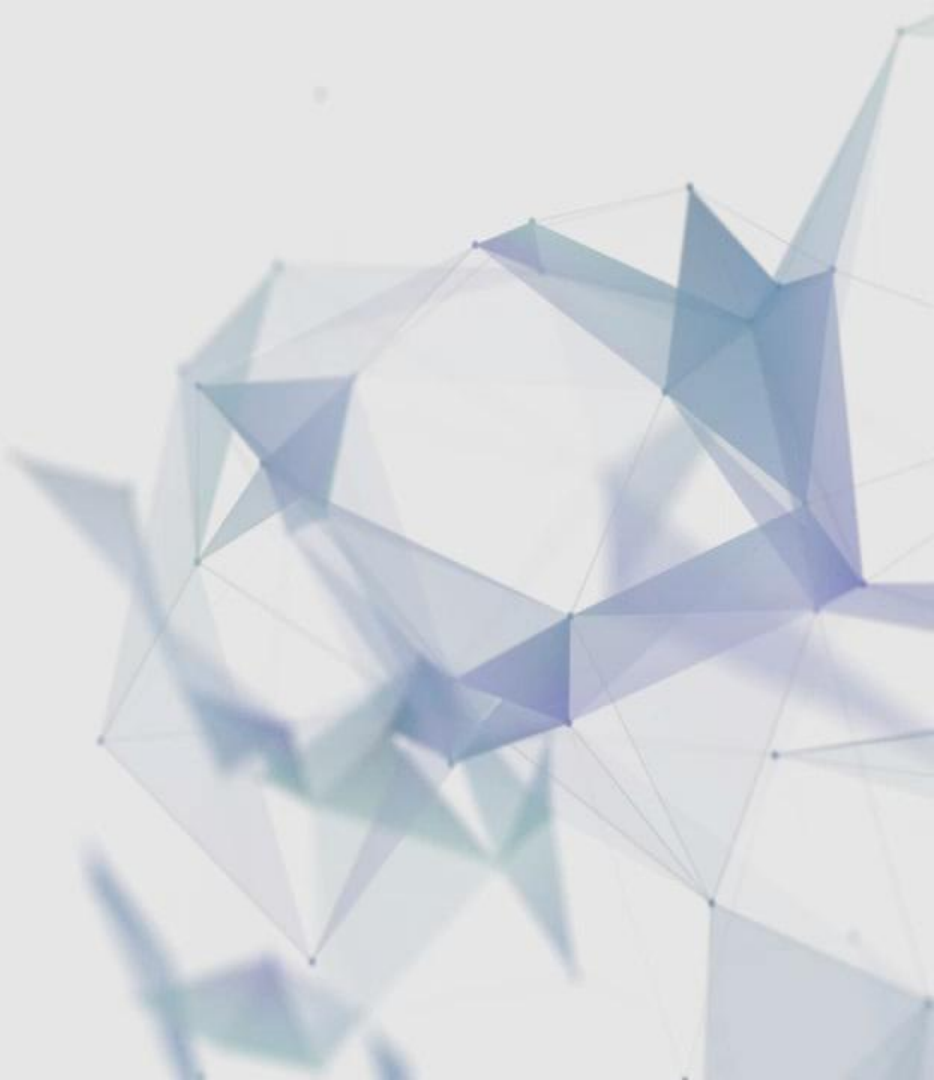

digix

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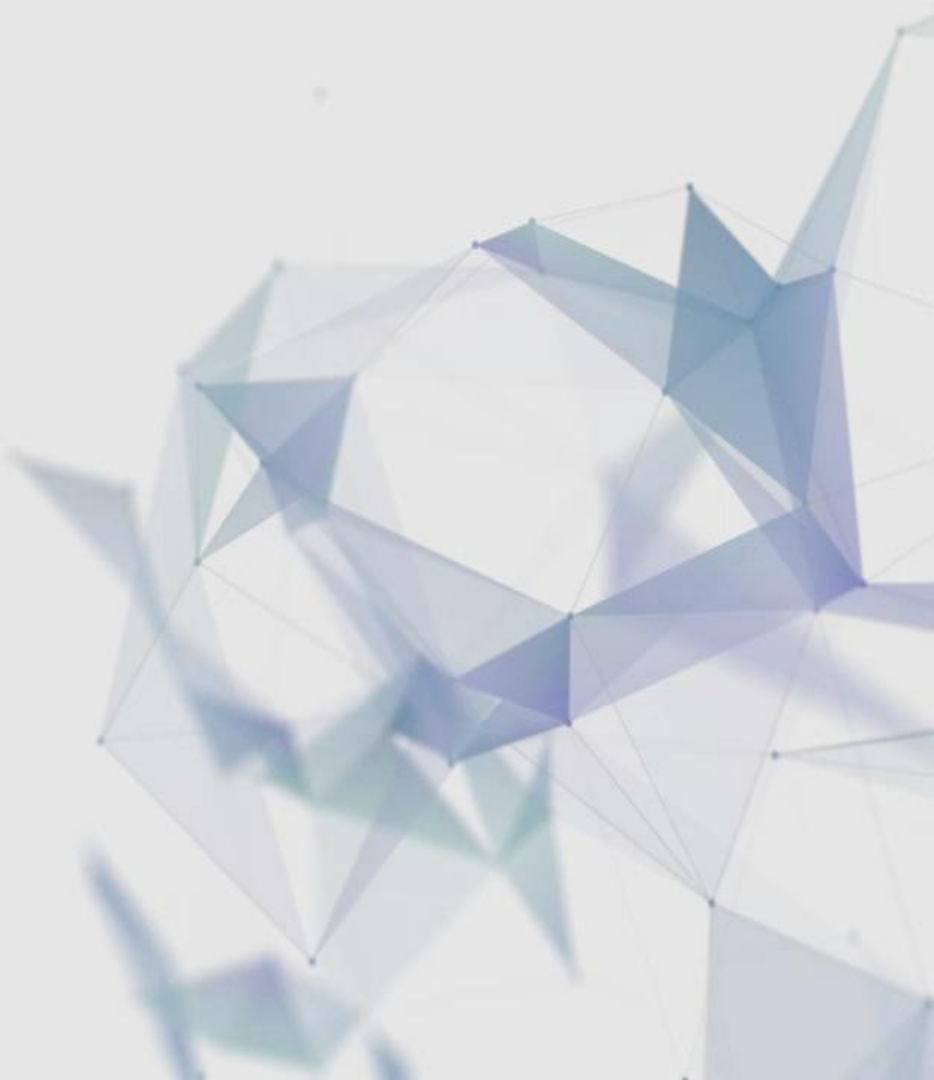

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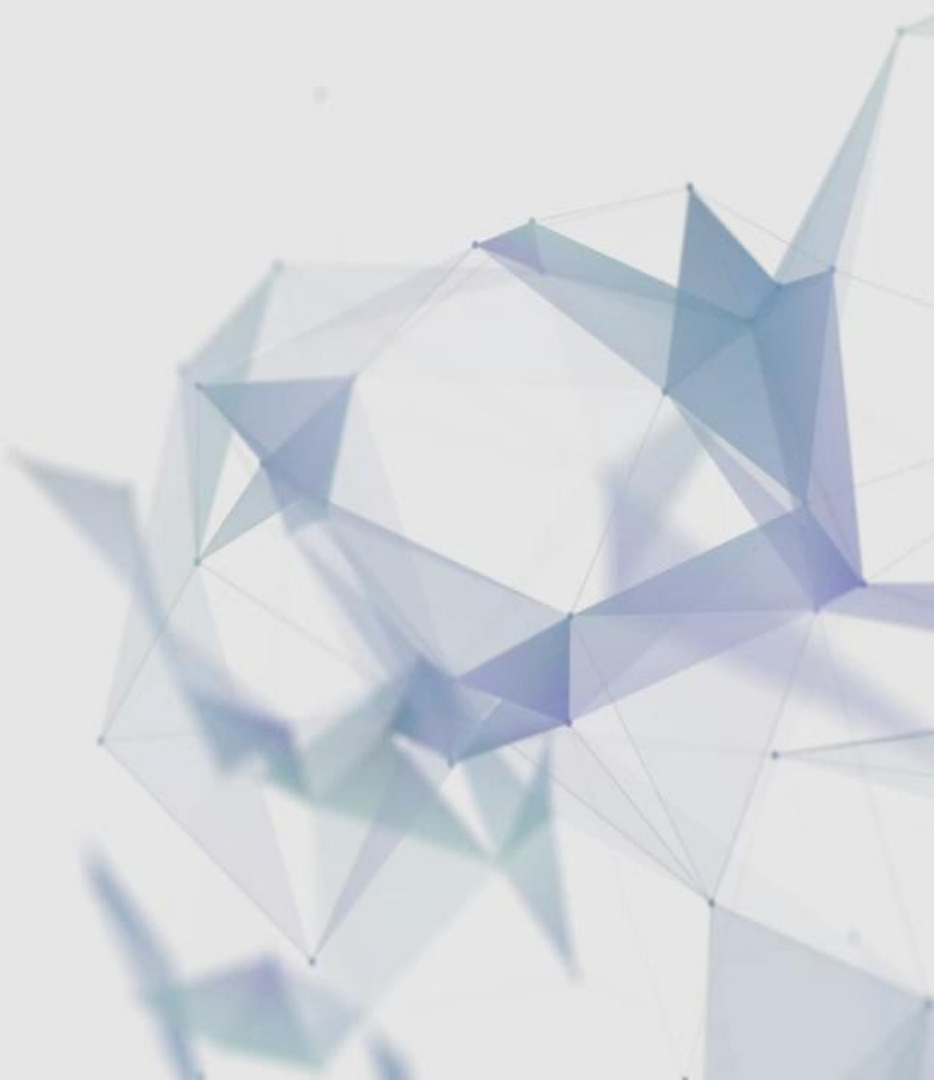
https://www.dgx.io/#Crowdsale

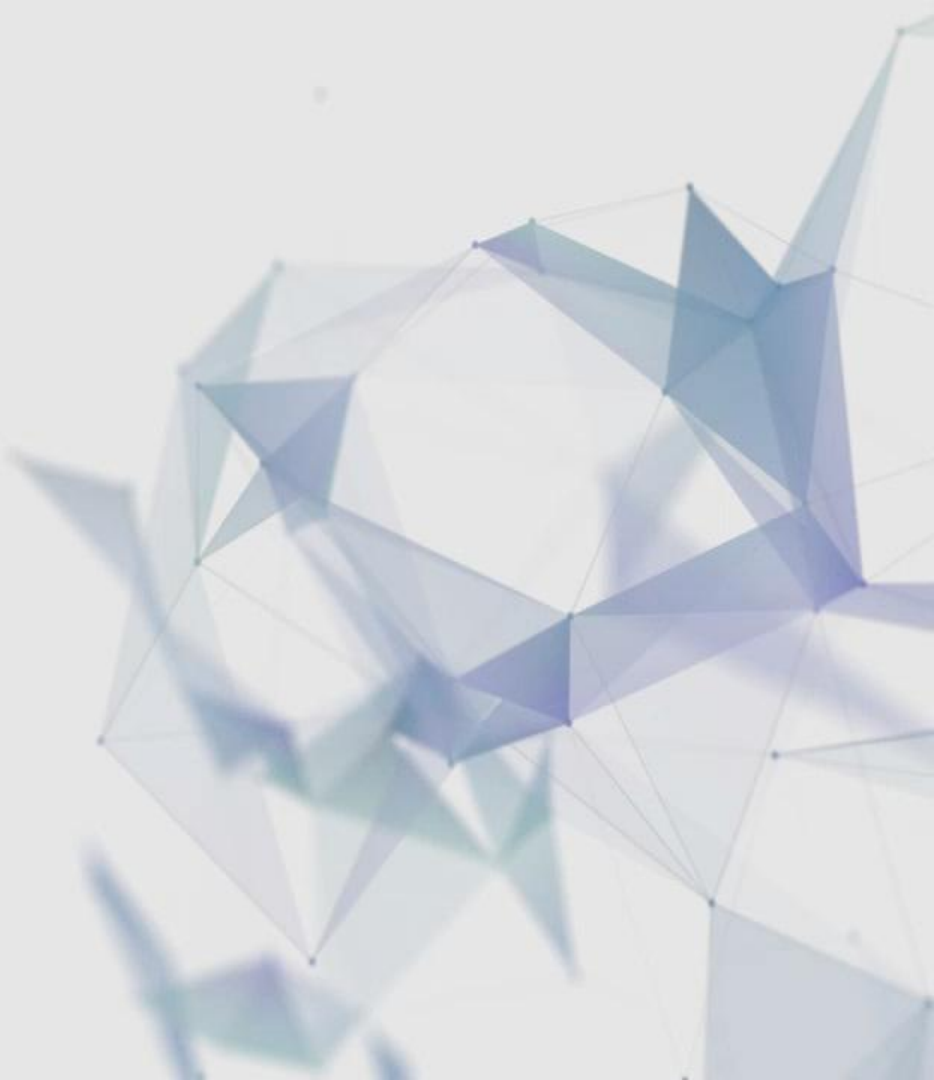
Email newsletter for announcement on the Crowdsale

UJO MUSIC



UJO MUSIC

- Music rights management platform



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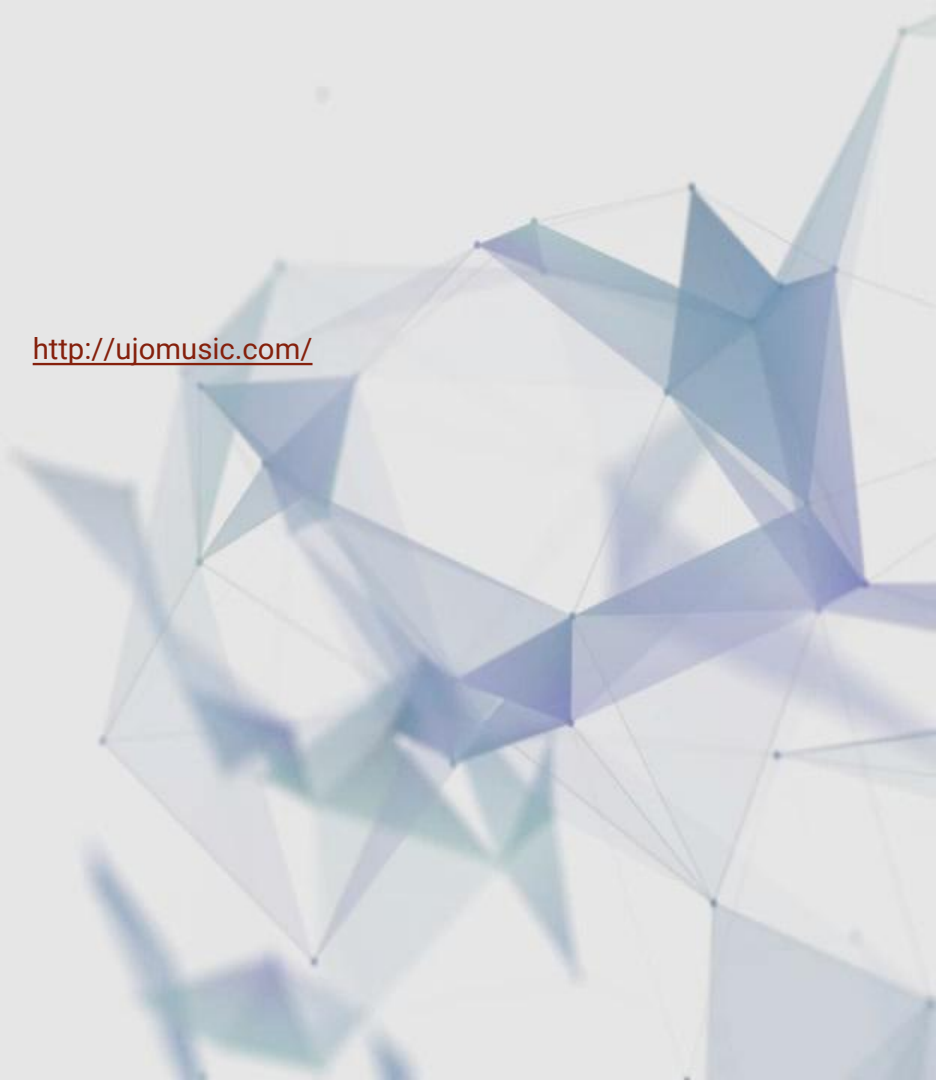
http://ujomusic.com/



COLONY

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- Online collaboration platform

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- Online collaboration platform
  - Create companies
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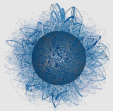
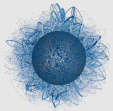
http://colony.io/



Oraclize



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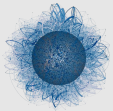
“The provably honest Oracle”



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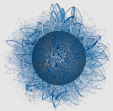
“The provably honest Oracle”

- A key piece to making smart contracts universally useful



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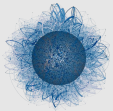

Oraclize

“The provably honest Oracle”

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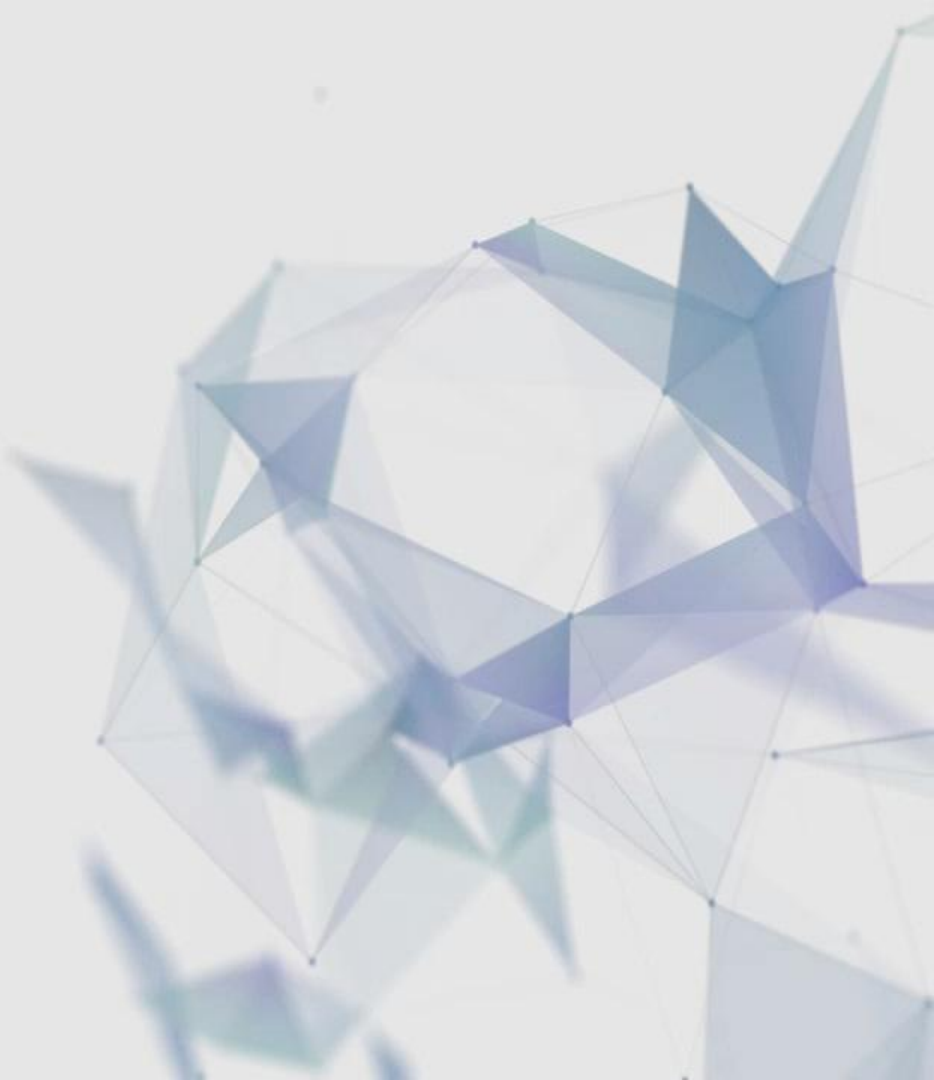
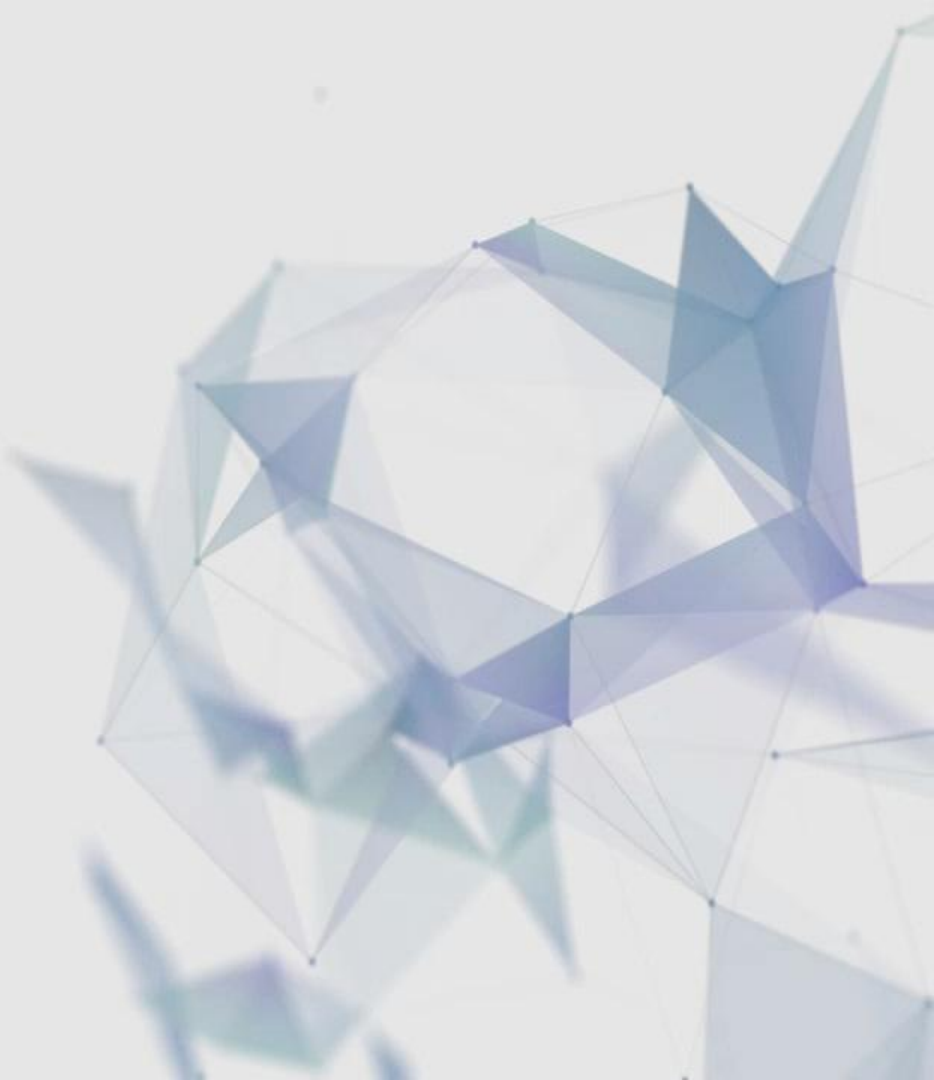
- Business model unclear: fees?
- Still under heavy development

HitFin



HitFin

- OTC Derivatives Settlement



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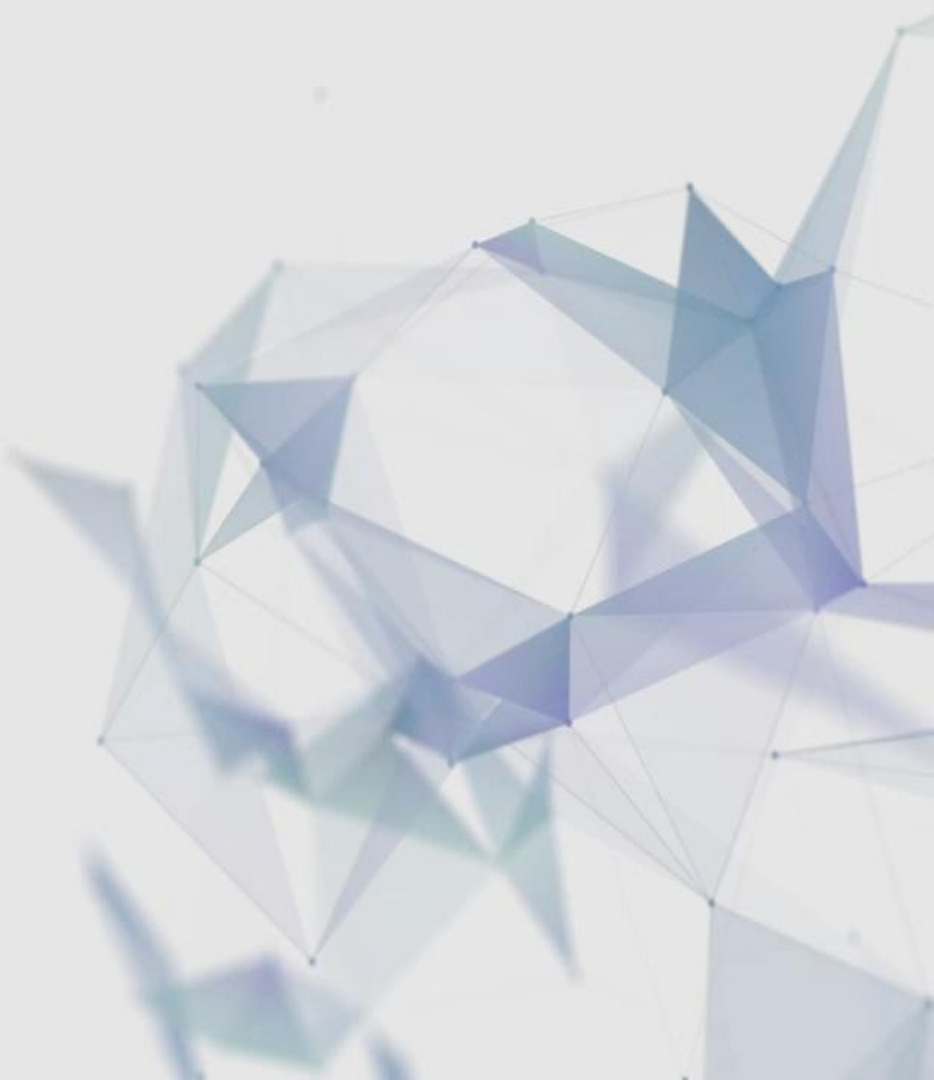

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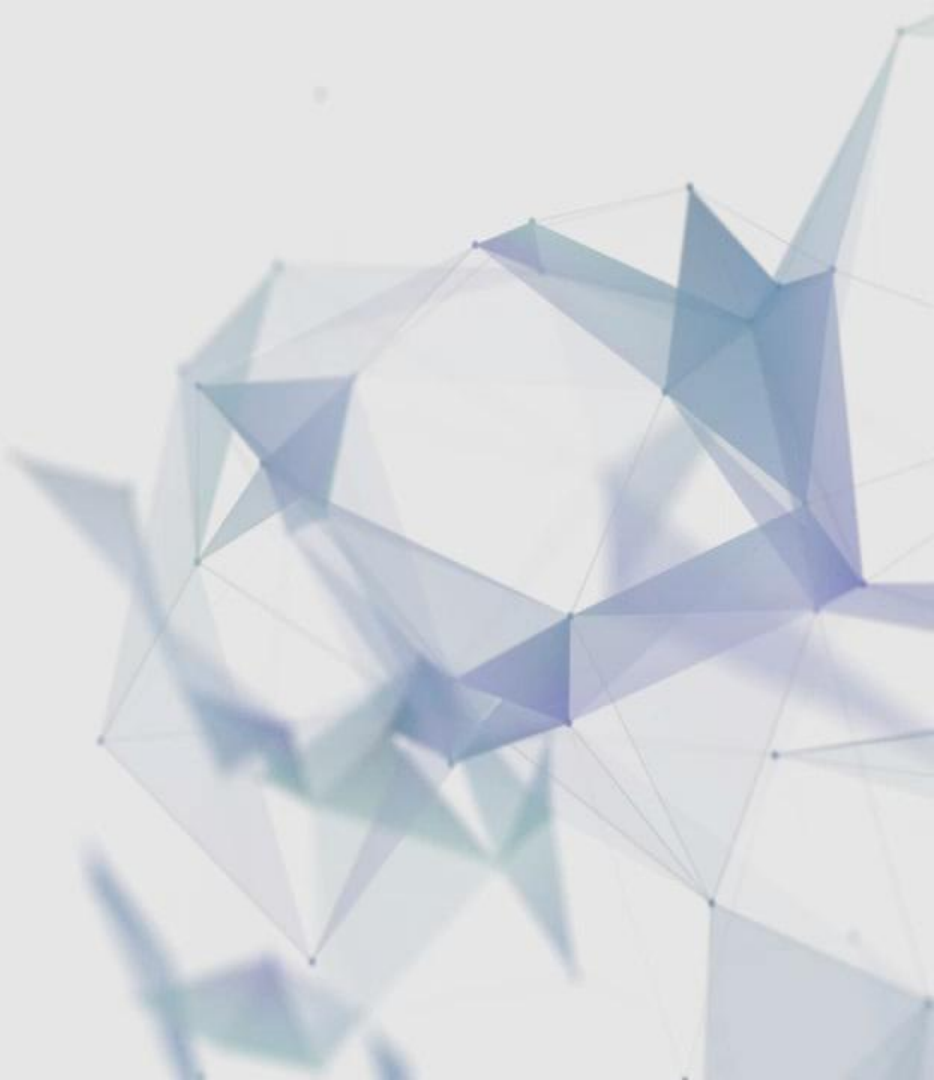
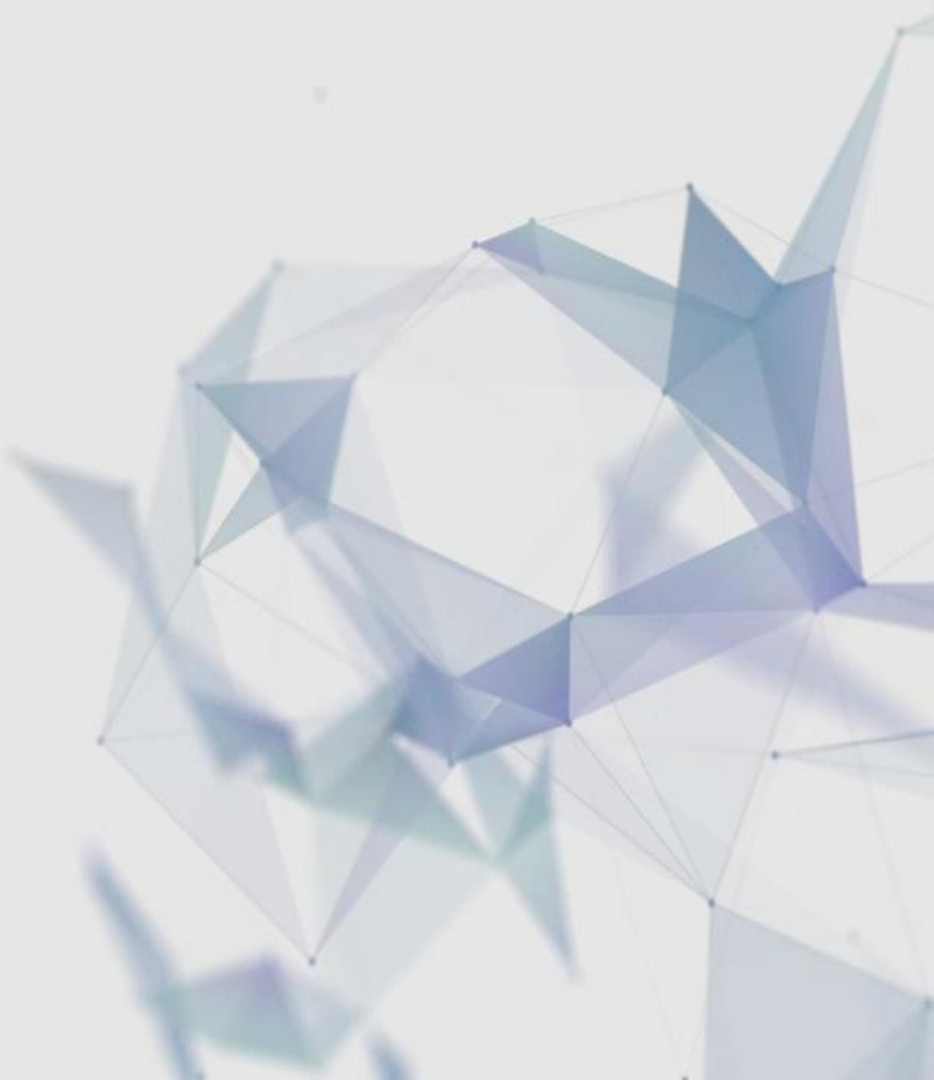
http://www.hitfin.com/

EtherEx



EtherEx

- A decentralized exchange platform on ETH



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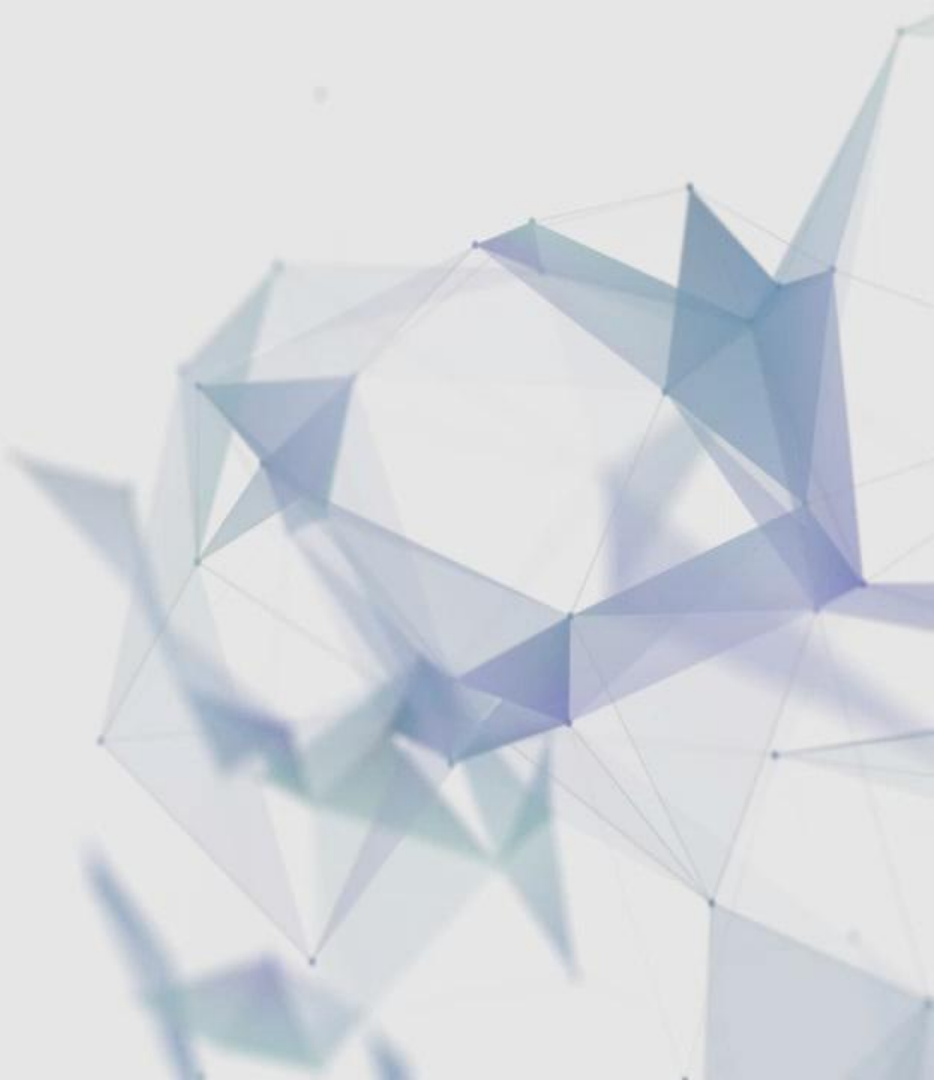

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  - Advanced trading capabilities

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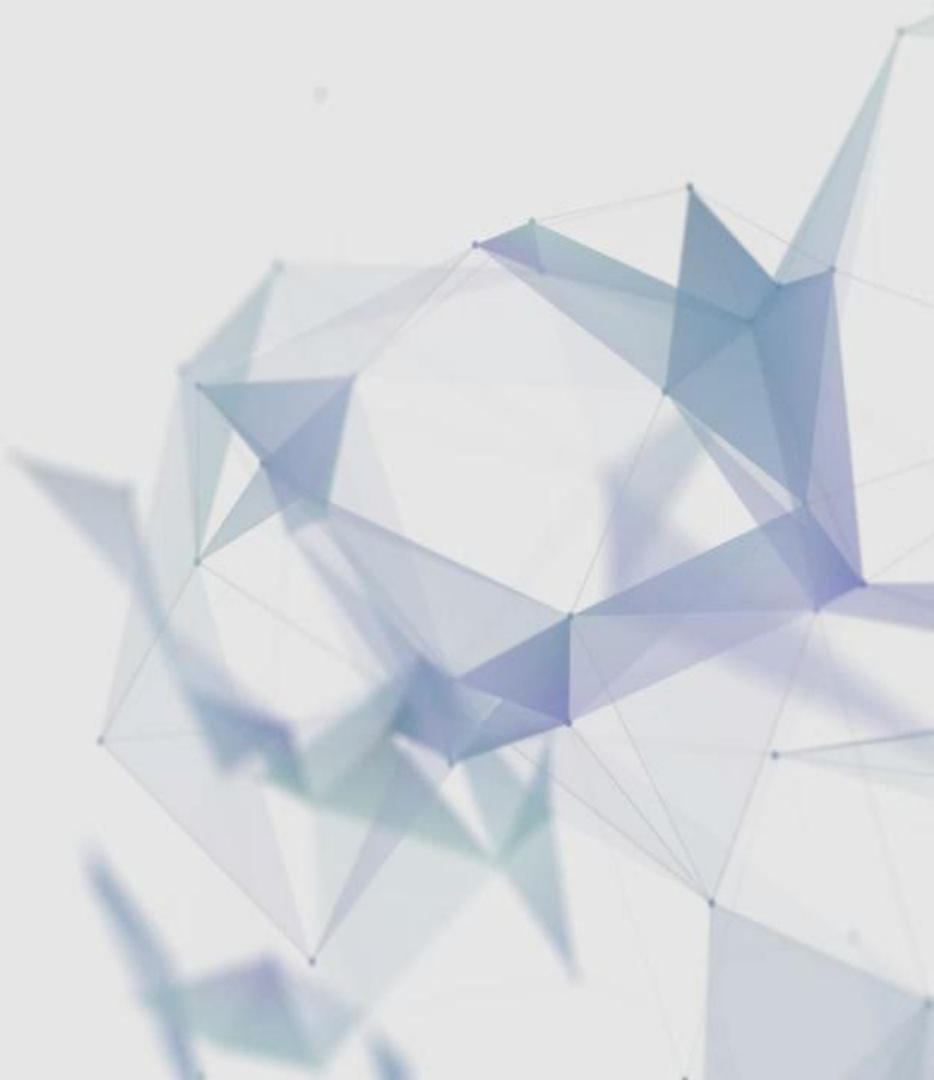

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  - Will be bridged with BTC and other coins
    - Peg with fiat (?)
    - BTC-relay
  - Advanced trading capabilities
  - Very low fees (only the gas price)

EtherEx

- A decentralized exchange platform on ETH
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  - Advanced trading capabilities
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https://etherex.org/

WeiFund

WeiFund

Crowdfunding & Private Equity

WeiFund

Crowdfunding & Private Equity

- Crowdfunding on Ethereum

WeiFund

Crowdfunding & Private Equity

- Crowdfunding on Ethereum
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WeiFund

Crowdfunding & Private Equity

- Crowdfunding on Ethereum
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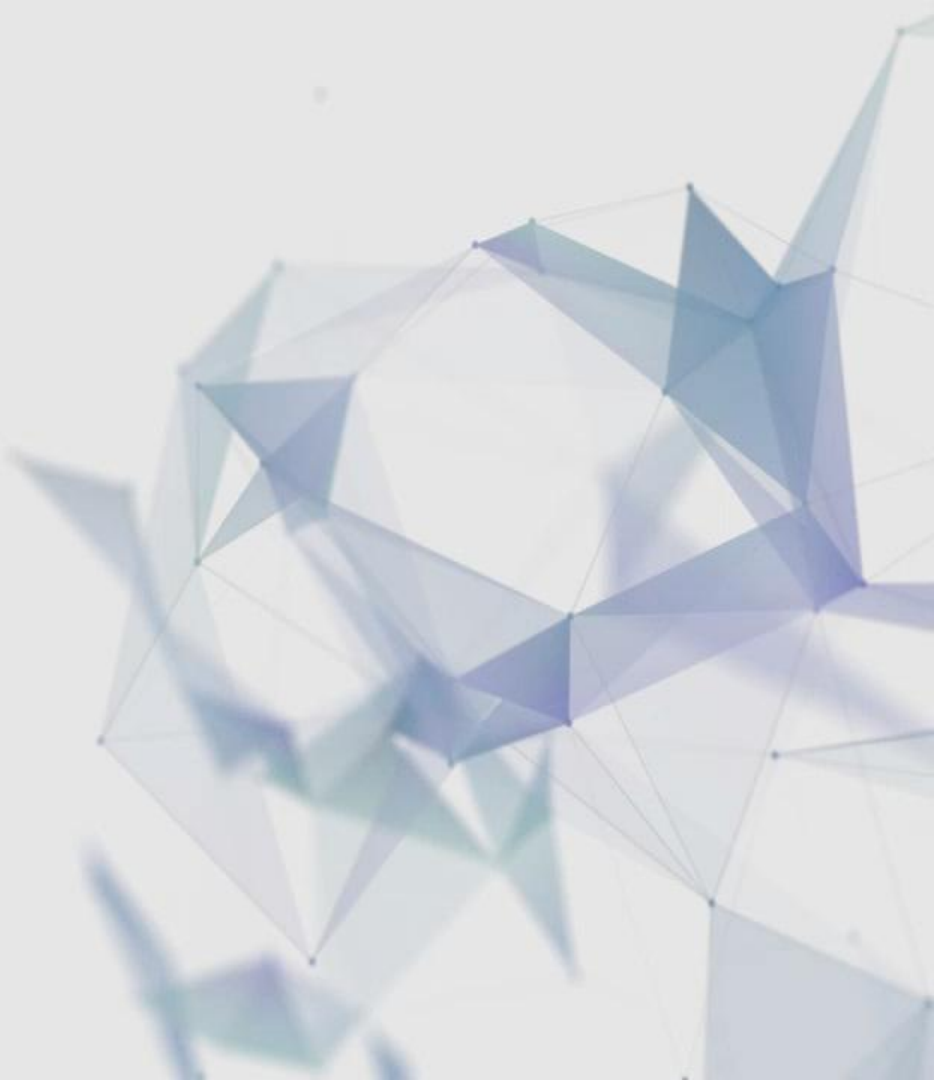
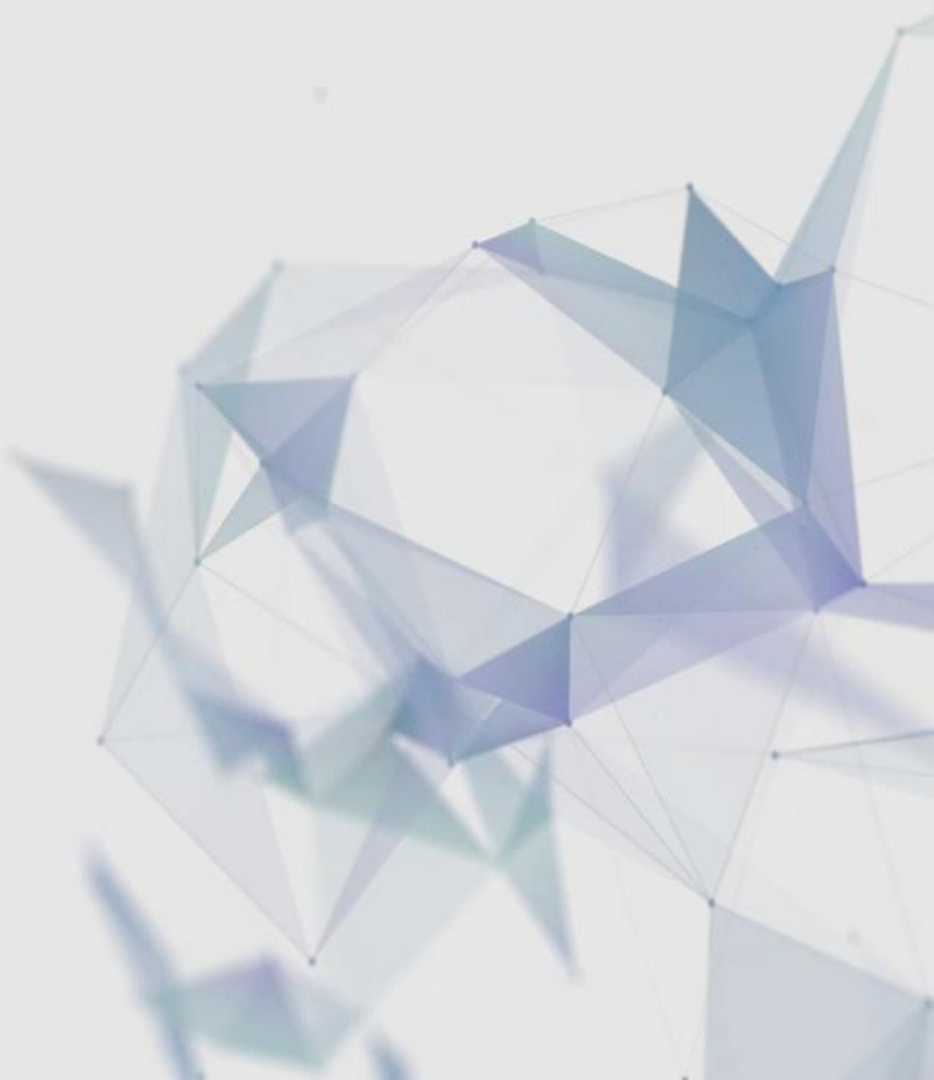
- Very low fees (only gas price)
- Secure escrow

Other projects:



Other projects:

- FreeMyVunk



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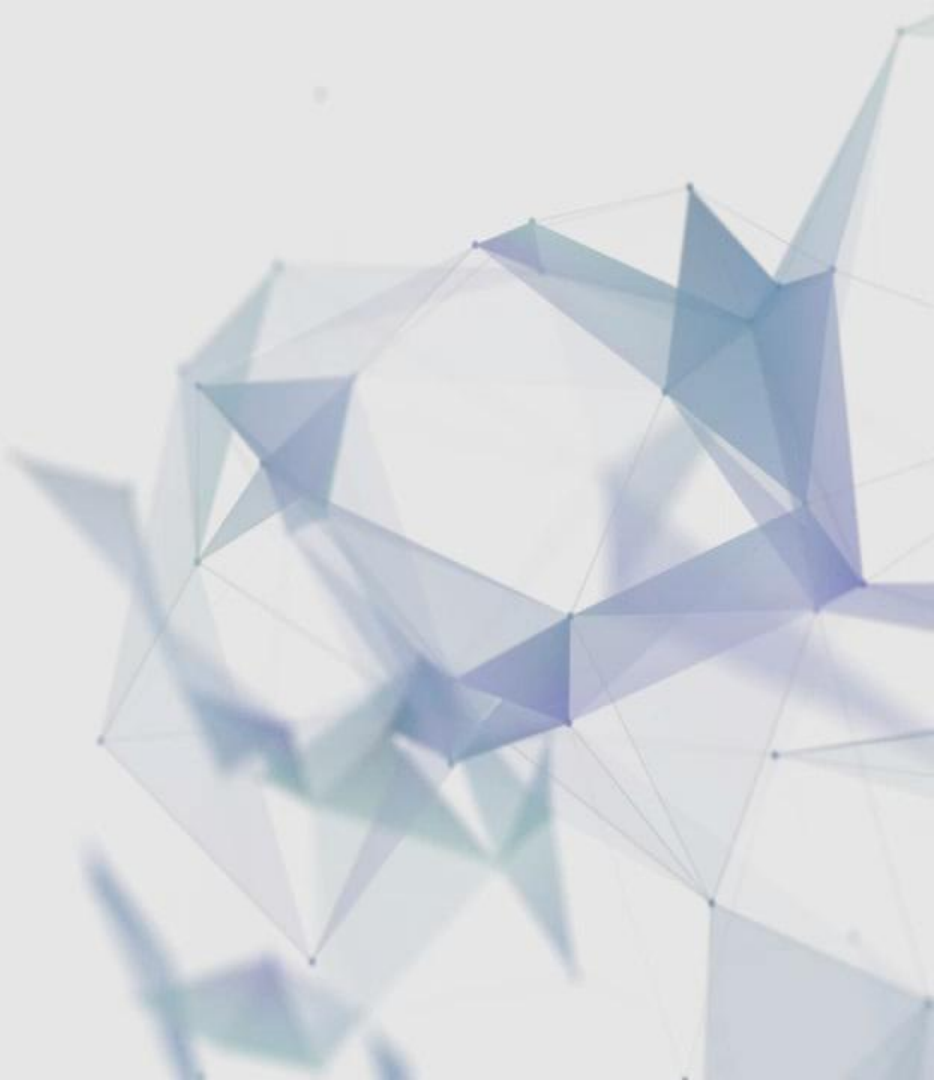

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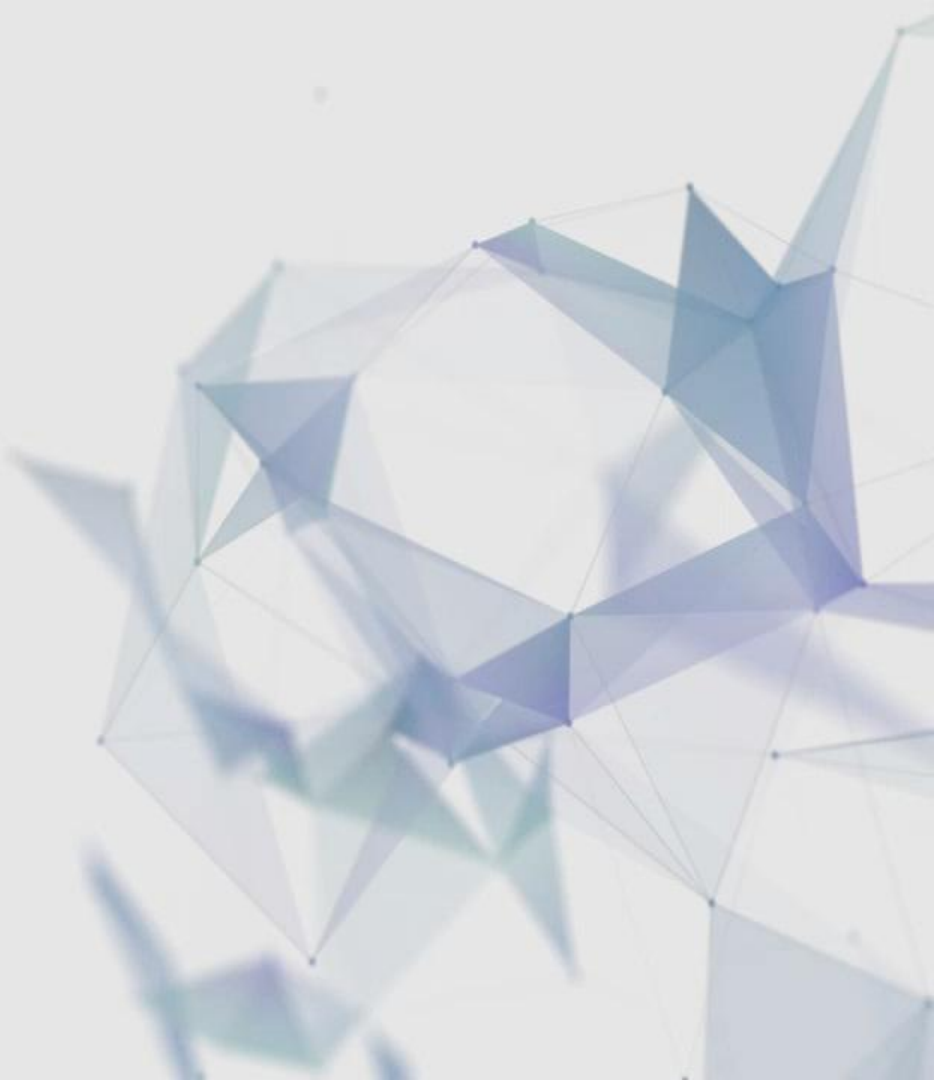

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State of the Dapps: http://dapps.ethercasts.com/

Ethereum Foundation: https://ethereum.org/

Conclusion

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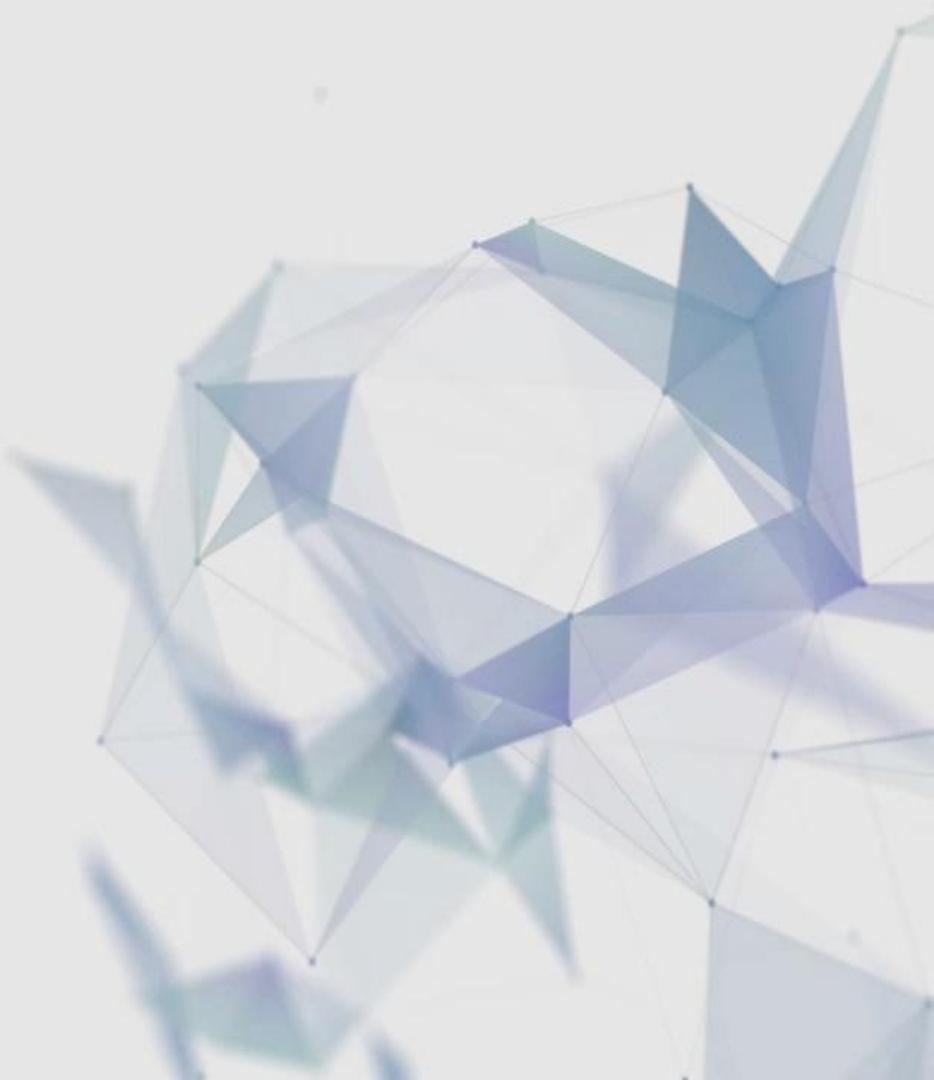
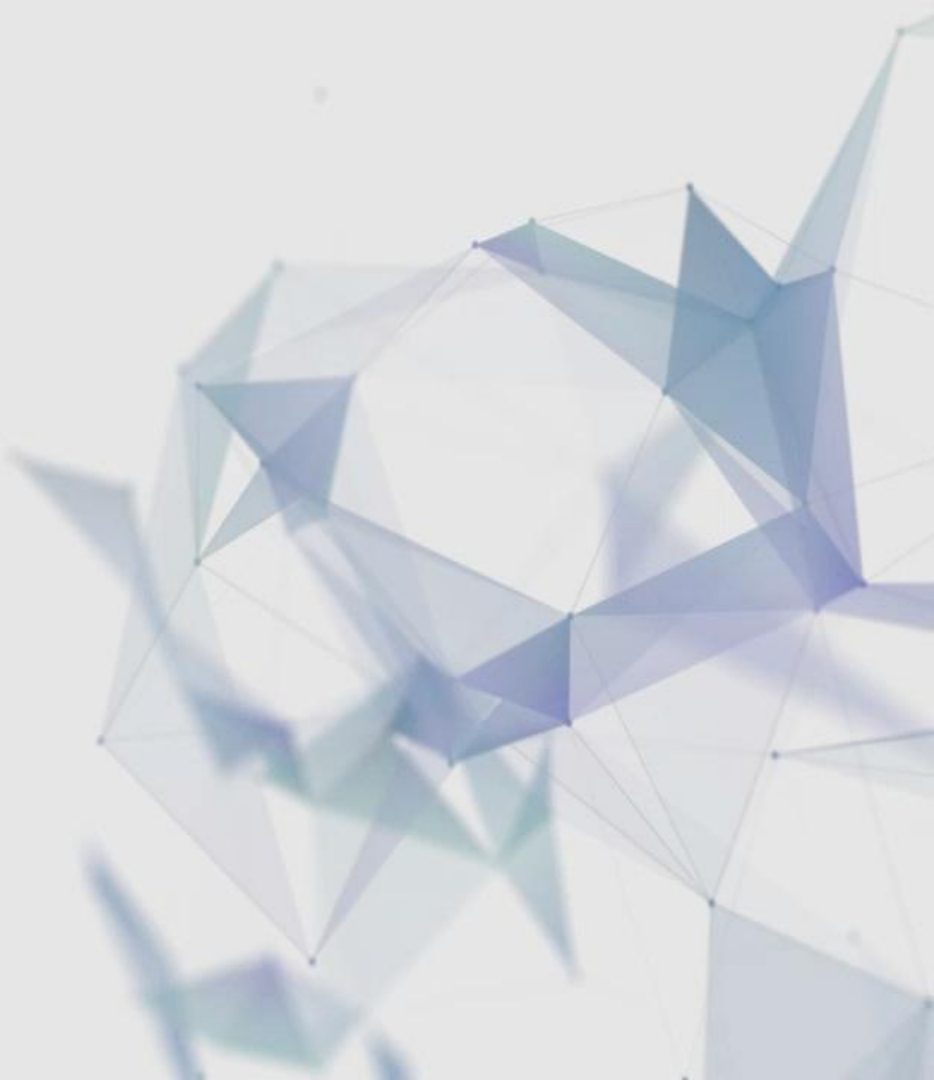


Conclusion

- Opportunities & Threats



Conclusion

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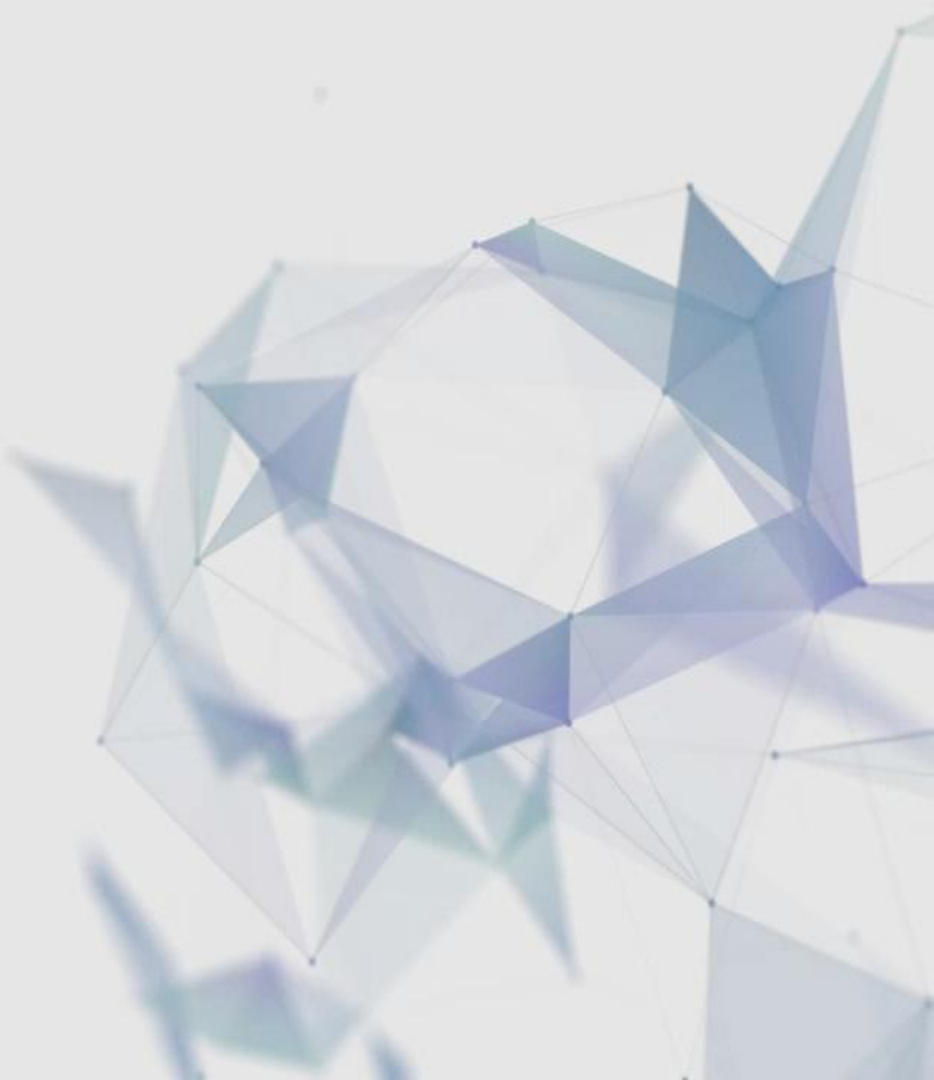
- Holding Ether?



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  - Use of DAPPS

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  - …
- Learning & Programming

That’s it for today

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