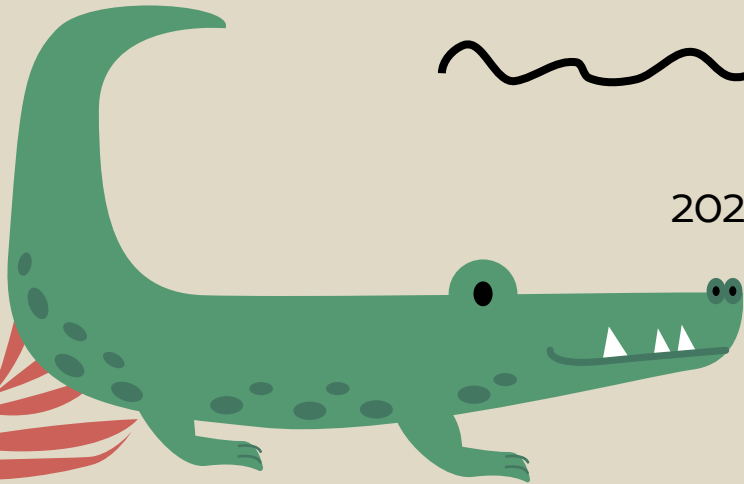


# Web3 Ideation

## Projects & Dyson Finance



2023/09/04



Founder, Pelith

Founder, Hakka Finance

Ping Chen 陳品

Co-Organizer @Taipei Ethereum Meetup

7 Years Experience in Ethereum DApp Developing

4 Year of Researching and Developing in **Decentralized Finance**



**It all starts with an R9390 graphics card**



WOW



remix



Many APP



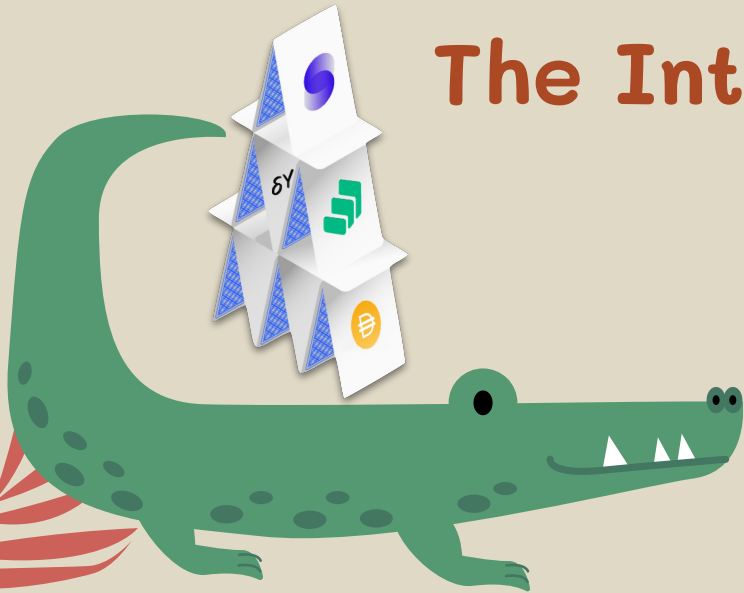
Such Decentralized



# Ethereum

The Intersection

WOW

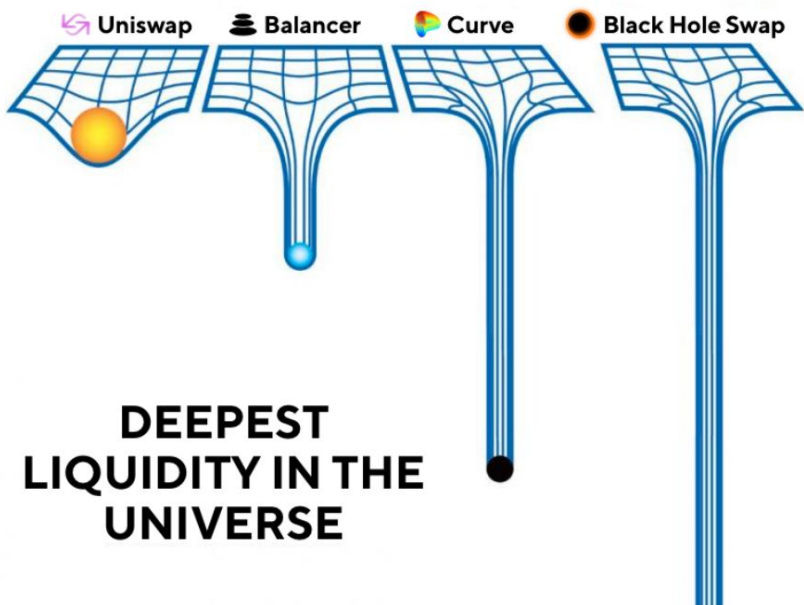




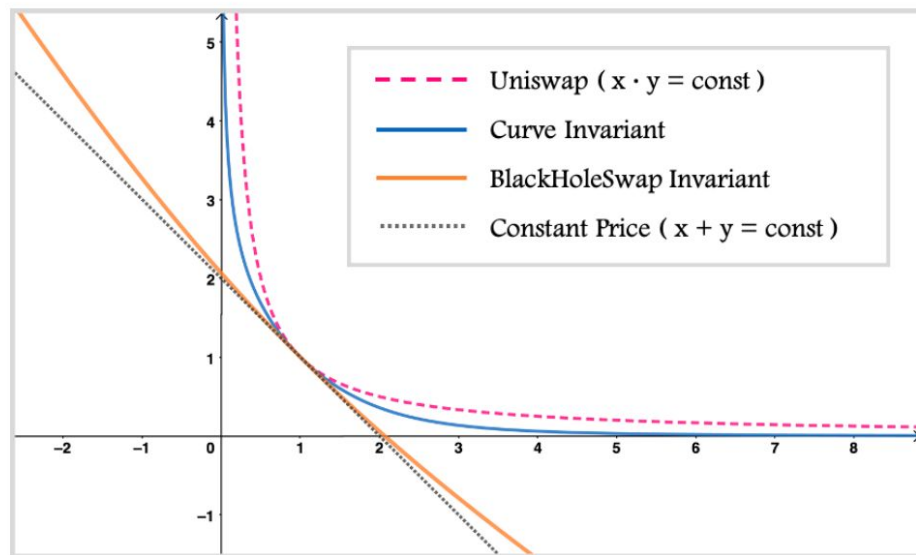
# **HAKKA FINANCE**

**Decentralized Finance Ecosystem**

# Blackholeswap



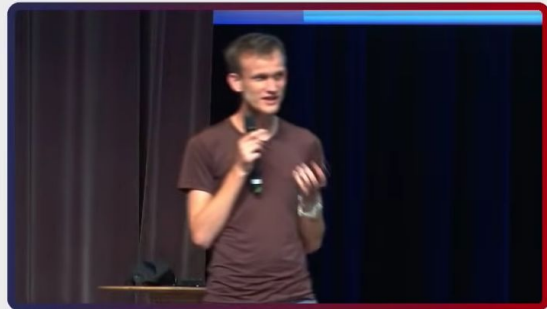
$$\begin{bmatrix} u & v \end{bmatrix} = \begin{bmatrix} x & y \end{bmatrix} \begin{bmatrix} 1 & a \\ a & 1 \end{bmatrix}$$



# Eauth

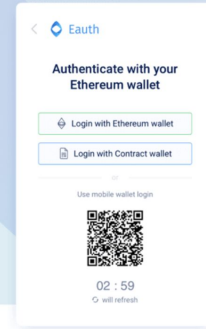


EthCC [4]



## Wallet As your Identity

Make web3 compatible to web2 internet. The adapter helps you turn decentralized cryptography key into centralized platform identity.



anoma

## Ethereum login

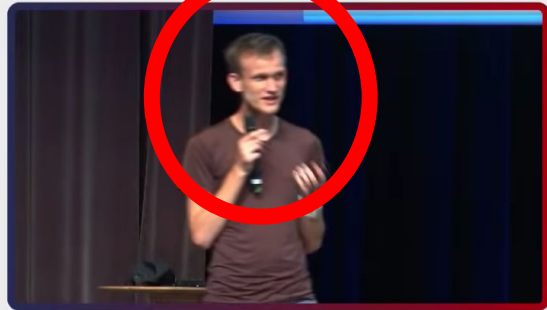




# Eauth

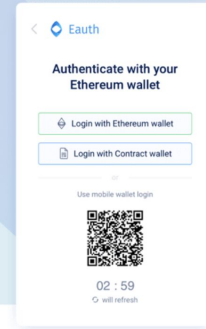


EthCC [4]



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anoma

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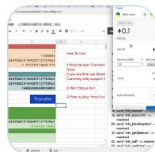
# Sheety DApp



ping.eth

@PingChenTW · 2021年1月17日

Building DApp with Google Sheet.



Yes, it can interact with your MetaMask.



1,113



212



43

曝光次數 ⓘ

26萬

參與次數 ⓘ

31,210

展開詳細資料次數 ⓘ

10,371

新跟隨者人數 ⓘ

5

個人資料造訪次數 ⓘ

1,917



ping.eth

@PingChenTW

Building DApp with Google Sheet.

Yes, it can interact with your MetaMask.

[翻譯貼文](#)

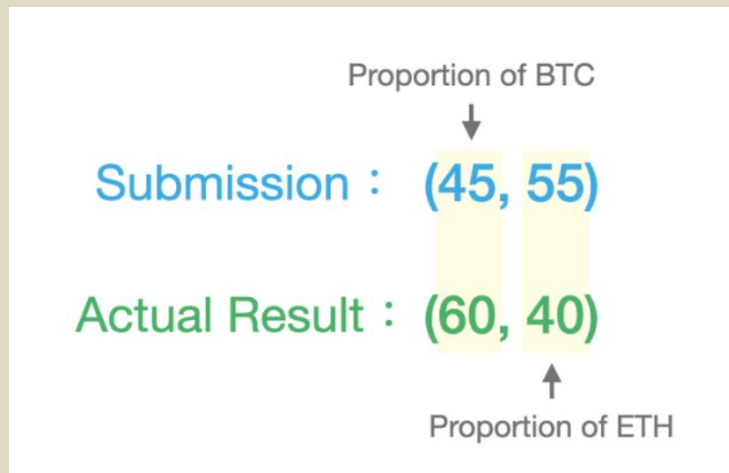
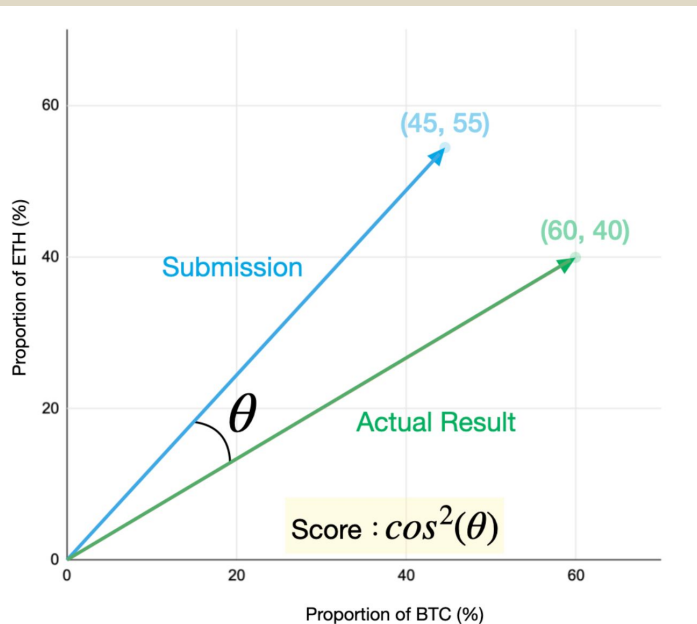
The screenshot shows a Google Sheet titled "SheetyDapp v0.1 powered by Pelith". The sheet contains a "Wallet Info" section with fields for Network, Block Height, Your Account, and Your ETH Balance. Below this is an "ETH Transfer" section with fields for From, To, and Value. A "Transfer" button is visible. To the right, a MetaMask wallet interface is shown, displaying a balance of 0.1 ETH and a gas fee of 0.001491 ETH. The wallet interface also shows a "TOTAL" of 0.101491 ETH and a "CUSTOM NONCE" of 29. The Google Sheet also shows a "HAKKA" section with fields for Account, Result, Address, and Amount.

上午2:52 · 2021年1月17日

166 次轉發 46 引用 1,116 個喜歡 181 個書籤

# Hakka Intelligence

Galvanising the collective intelligence of the Hakka community

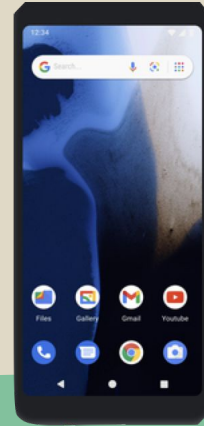
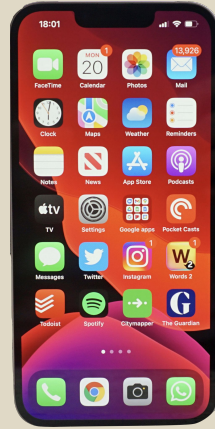
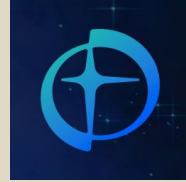


$$\text{reward} = \frac{\text{score} \times \text{staked amount}}{\sum (\text{score} \times \text{staked amount})_i} \times \left( \sum (\text{staked amount})_i + \text{bonus} \right)$$



# Dyson Finance

# The iPhone moment of DeFi liquidity



# The Problems

looks so simple but really hard to MM in UniV3

Retail liquidity providers take huge risk, but get unpredictable return in modern DEX

$$\text{Trading Fee} - \text{Impermanent Loss} > 0$$

which \$ range?

when low volatility?

## Risks and Returns of Uniswap V3 Liquidity Providers

Lioba Heimbach  
ETH Zürich

Eric Schertenleib  
ETH Zürich  
Switzerland

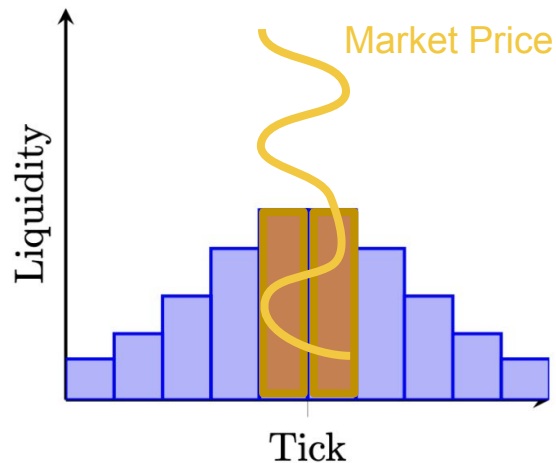
Roger Wattenhofer  
ETH Zürich  
Switzerland  
wattenhofer@ethz.ch

topaze•blue Bancor

“Half of UniV3 liquidity providers lose money and suffer from IL...”

“Providing liquidity has become a game reserved for sophisticated players with Uni V3...”

Impermanent Loss in Uniswap v3

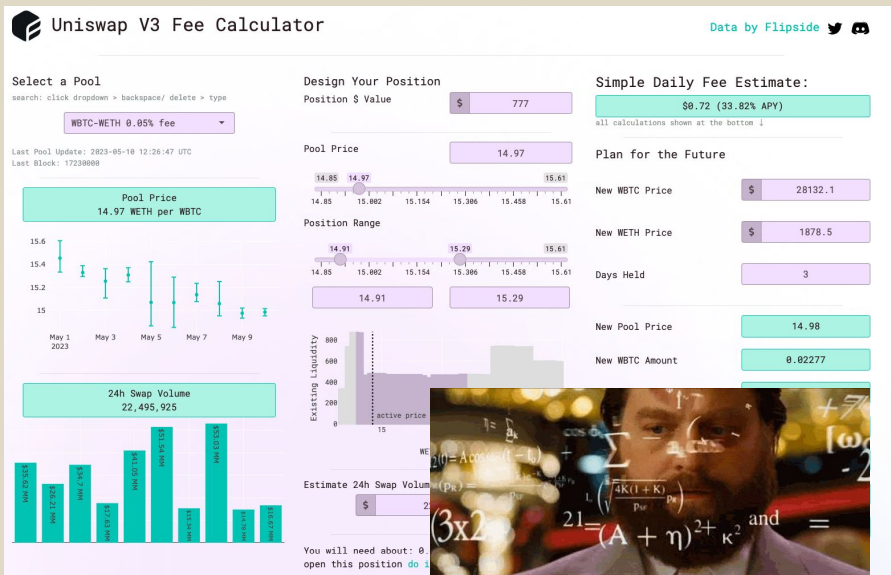


To get higher cap efficiency

LP needs to rebalance smartly to counter gas fee and IL

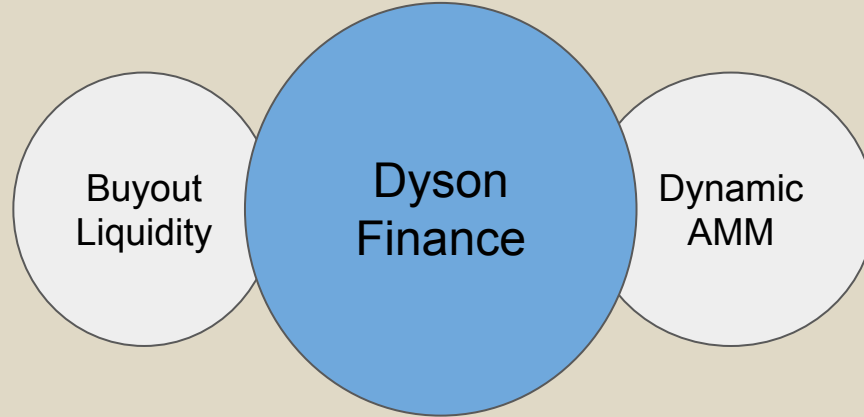
# The Problems

The Marketing making complexity blocks retailers provide liquidity and the growth of DeFi



*Most people believe that the opportunity to provide liquidity does not belong to retails, but we don't*

# The Solution - *Dyson Finance*



Buyout user's liquidity with Dual Investment  
covered call-like strategy, hold underlying assets & sell options



More predictable revenue for retails

Adaptive fee model based on volume/time



Higher capital efficiency by capturing more fee





# Dual Investment

Earn interest regardless of the direction of the market



Get more USDC when price goes up

Redeem 1100 \$  
 $1000 \times (1+10\%)$

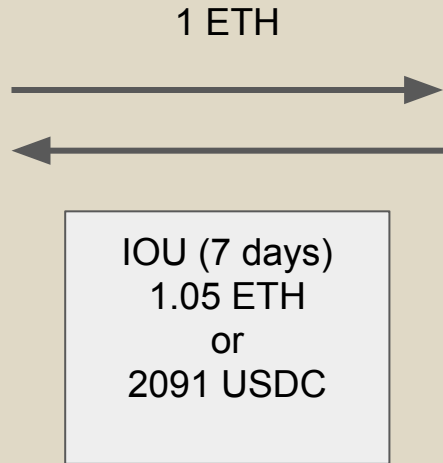
Current Price 1,000 ETH/USDC

Redeem 1.1 ETH  
 $1 \times (1+10\%)$

Get more ETH when price goes down

# Dual investment = reversible swap + yield

Dual investment in Dyson is effectively...  
a reversible swap that pays you premium



ETH = 1992 USD



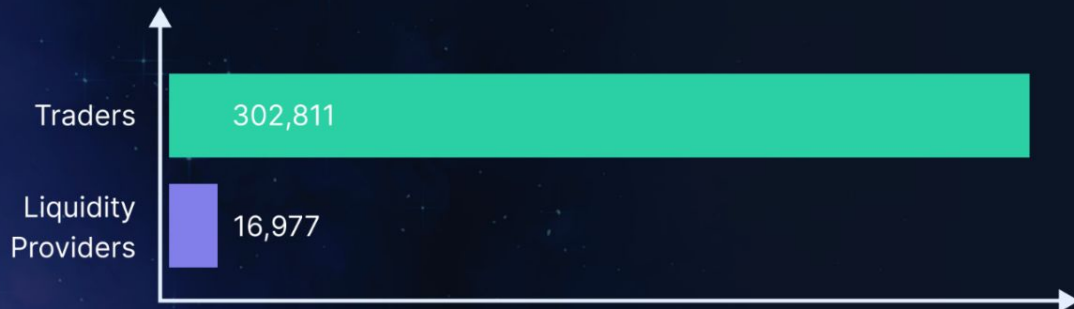
eg. 5% for 1 week



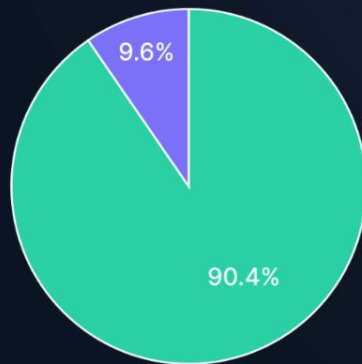
# The Key to Unlock Mass DeFi Adoption: Liquidity

DeFi needs more liquidity providers to accommodate more users.

17x difference in ETH/USDC Pool



Only 9.6% of Uniswap traders who also make deposits as LPs

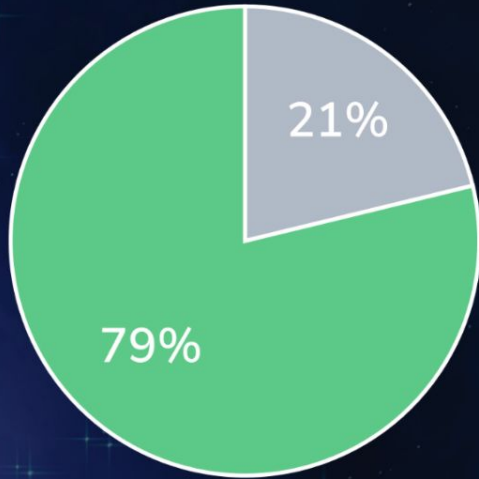


- traders also providing liquidity
- traders trading only

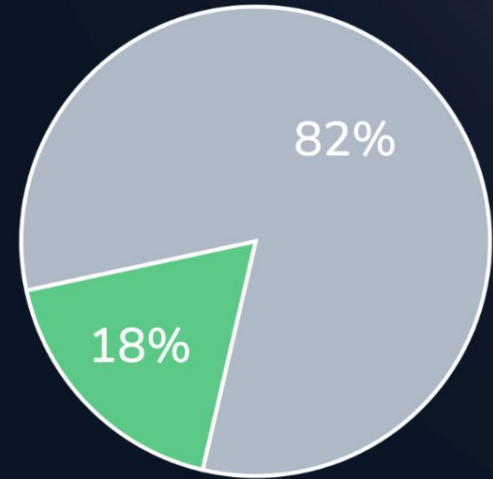
# Dyson Finance, Inaugurating the iPhone Era of DEX

Dyson Finance generates higher value with lower trading volume than others.

Smartphone Market Share



Operating Profit Share

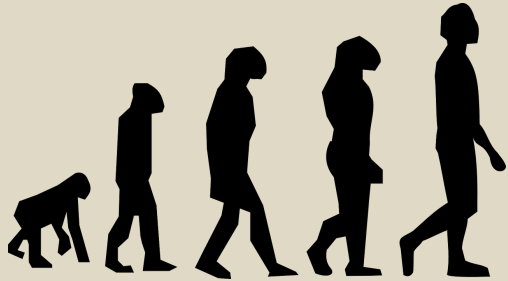


80% of revenue comes from 20% high-value trading.

# Conclusion

Large scale human coordination  
Large scale social experiment

From Homo sapiens to  
Homo moneta to Homo ludens



# THANKS!!

CREDITS: This presentation template was created by **Slidesgo**, including icons by **Flaticon**, and infographics & images by **Freepik**.

