

Agenda & Schedule: DEFiiCON.com
Discord: <https://discord.gg/jKCKq7BQ>

DEFiiCON

It's gna be lit 🐙



Welcome.



State of DeFi

DEFiCON

Professor Jamiel Sheikh

<http://jamiel.io>

<http://chainhaus.com>

What is **DeFi**?

Decentralized **Fi**nance, of course.

“DeFi is the movement that leverages decentralized networks and open source software to create or **transform** old financial products into trustworthy and transparent protocols that run without intermediaries.”

Andrei-Dragos Popescu

Decentralized Finance: The Lego of Finance

DeFi's education **problem**

“The frenetic evolution of the ecosystem makes it **challenging for newcomers** to gain an understanding of its **basic features**”

Werner, Perez, Gudgeon et al.

Imperial College, Cornell University

SoK: Decentralized Finance

Transformation is happening **with** or with you

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Properties of DeFi

“..DeFi still is a niche market with certain risks but that it also has interesting properties in terms of efficiency, transparency, accessibility, and composability”

Fabian Schär

University of Basel

Decentralized Finance: On Blockchain- and Smart Contract-based Financial Markets

Global
24/7 Market
Transparent
Faster Settlement
Fractionalization
Lower Friction
Zero / Low Infrastructure Costs

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“Blockchain technology can reduce transaction costs”

Chen, Bellavitis

Journal of Business Venturing Insights

Blockchain disruption and decentralized finance: The rise of decentralized business models

On **composability**

What about **regulation**?

“Furthermore, DeFi potentially offers an opportunity for the development of an entirely new way to design regulation – the ideas of 'embedded supervision' and 'embedded regulation' – building regulatory approaches into the design of DeFi, potentially decentralizing both finance and its regulation in the ultimate expression of RegTech”

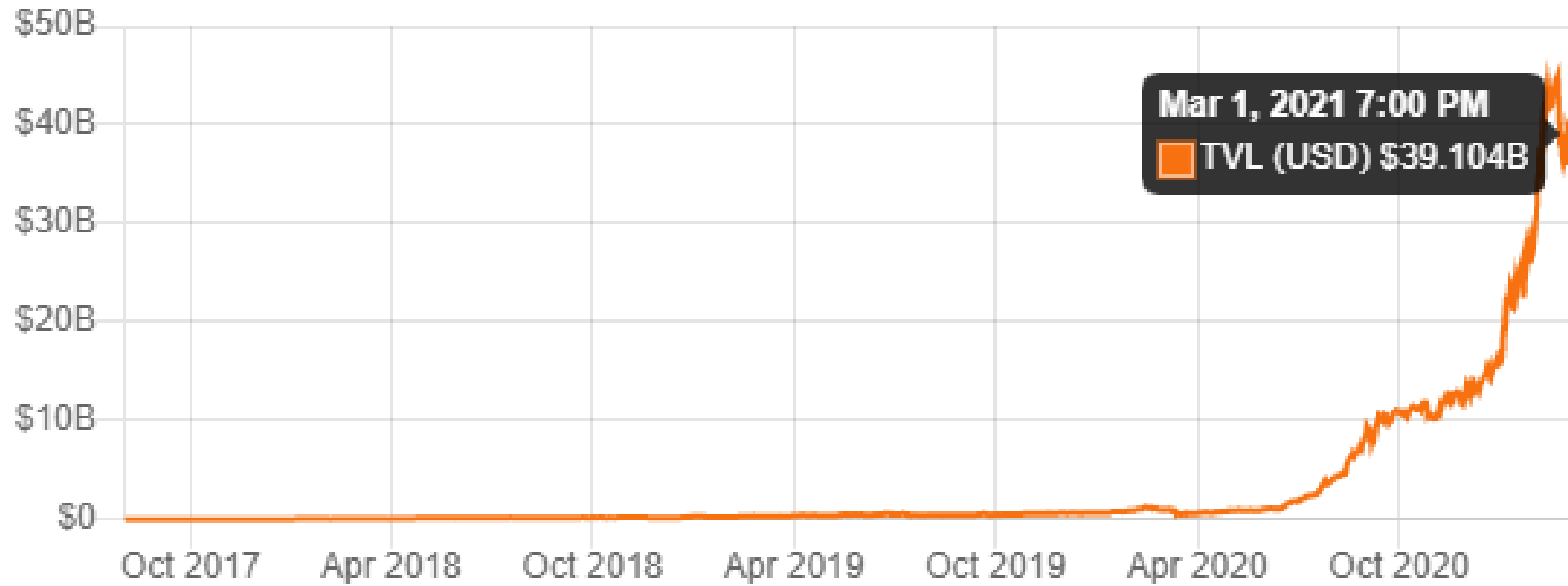
Zetsche, Arner, Buckley

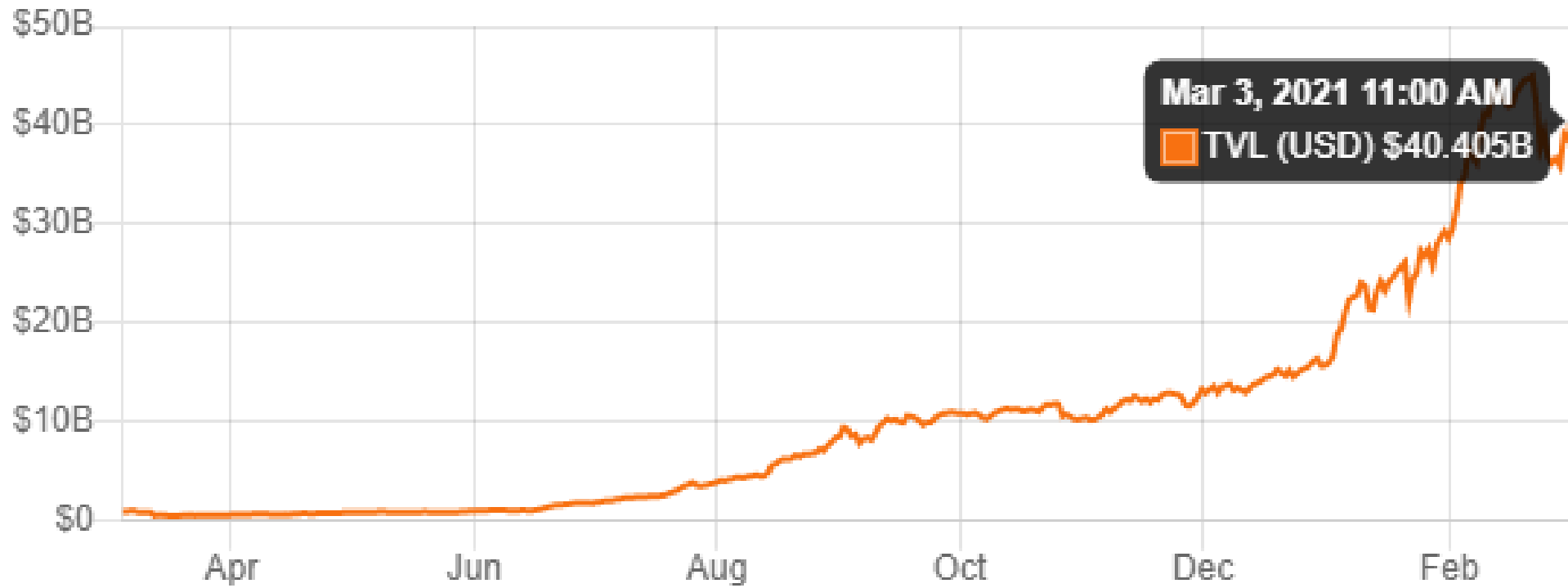
University of Hong Kong

Decentralized Finance, European Banking Institute Working Paper Series

Where is DeFi **today**?

Value locked in smart contracts
















Market **capitalization**



CoinGecko

#	Coin	Price	1h	24h	7d	24h Volume	Market Capitalization	Fully Diluted Mkt. Cap	Mkt. Cap / TVL Ratio
☆ 1	 Chainlink LINK	\$31.00	0.6%	7.3%	21.5%	\$2,387,480,388	\$12,826,947,205	\$31,284,507,894	-
☆ 2	 Uniswap UNI	\$26.18	0.4%	2.2%	7.2%	\$1,004,835,782	\$8,184,393,619	\$26,425,870,620	1.95
☆ 3	 Aave AAVE	\$404.00	0.6%	2.8%	12.5%	\$1,025,724,609	\$5,081,285,090	\$6,543,940,867	0.95
☆ 4	 Synthetix Network Token SNX	\$23.49	0.6%	5.2%	31.5%	\$291,131,001	\$3,498,361,679	\$5,208,951,974	1.24
☆ 5	 Terra LUNA	\$7.22	0.0%	13.5%	9.4%	\$548,123,192	\$2,969,869,638	?	-
☆ 6	 cDAI CDAI	\$0.02120116	-0.1%	-0.3%	-0.3%	\$12,949,336	\$2,693,070,179	?	-
☆ 7	 Dai DAI	\$1.01	0.1%	0.1%	-0.3%	\$422,365,460	\$2,540,451,111	\$2,487,129,809	-
☆ 8	 The Graph GRT	\$1.99	4.2%	11.0%	19.9%	\$542,165,786	\$2,495,796,461	\$20,373,858,012	-
☆ 9	 Sushi SUSHI	\$18.20	0.4%	-0.2%	25.8%	\$1,388,697,945	\$2,344,202,938	\$4,605,707,878	0.72
☆ 10	 Compound COMP	\$507.12	1.5%	-3.7%	34.8%	\$158,267,024	\$2,217,597,823	\$5,107,002,772	0.43
☆ 11	 Maker MKR	\$2285.64	-0.7%	6.5%	3.9%	\$109,721,151	\$2,090,687,993	\$2,331,582,957	0.33



CoinGecko

\$77,257,103,866
DeFi Market Cap

\$186,901,931,416
ETH Market Cap

41.3%
DeFi:ETH Ratio

\$14,610,339,996
24H Trading Volume

4.8%
Defi Dominance (vs. Global)

16.6%
Chainlink DeFi Dominance

\$46,734,911,446
Total Value Locked (TVL)

Mkt. Cap

Dominance

24h

7d

14d

30d

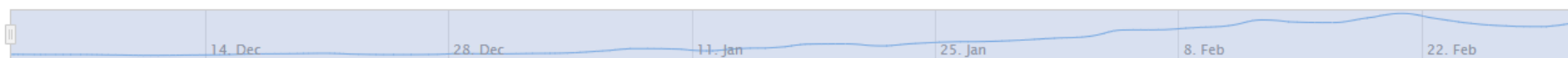
60d

90d

Max



CoinGecko



chainhaus

Use **cases**

Crowdfunding
Asset Tokenization
Stablecoins
Money Markets
Exchanges
Prediction Markets
Oracles
Derivatives

Protocol **classification**

On-chain Asset Exchange (AMMs)
Loanable Funds Market
Stablecoins
Portfolio Management
Derivatives
L2 Rollups
Privacy-preserving Mixers

Systemization of Knowledge: Decentralized Finance

Sam M. Werner, Daniel Perez, Lewis Gudgeon, Arian Klages-Mundt, Dominik Harz, William J. Knottenbelt

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