LatticA

Lattice Acceleration & Alliance,
Using Fully Homomorphic Encryption, FHE16

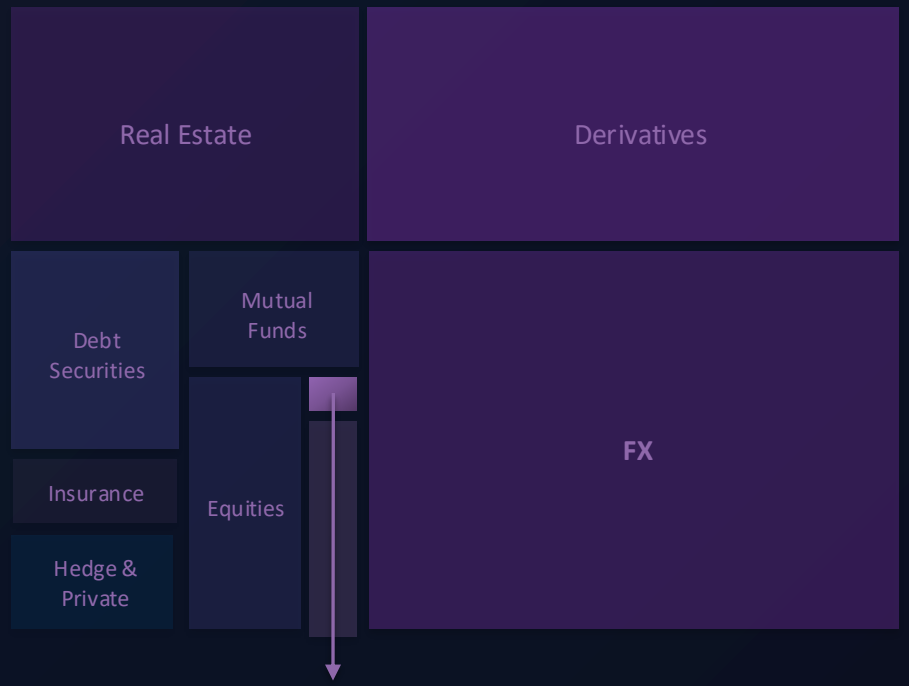
Confidential contract: privacy rail for institutions

Off-chain financial opportunities

: How to onboard onto Solana?

[Global Financial Market Size]

Unit: Trillions of Dollars



Tokenized(Crypto)assets are **small**

Our Problem

Contract with off-chain assets
Should be confidential
(for institution)

LatticA

Off-chain financial opportunities

:From a confidential transfer to a confidential contract

" We want to make contract with our asset "

[Institutions with tokens]

Current

Token Extension

Confidential Transfer	Supporting Regulation	Confidential Contract
O	O	?

=

Confidential Transaction

Solution

Token Extension + LatticA

Confidential Transfer	Supporting Regulation	Confidential Contract
O	O	O

=

Confidential Contract

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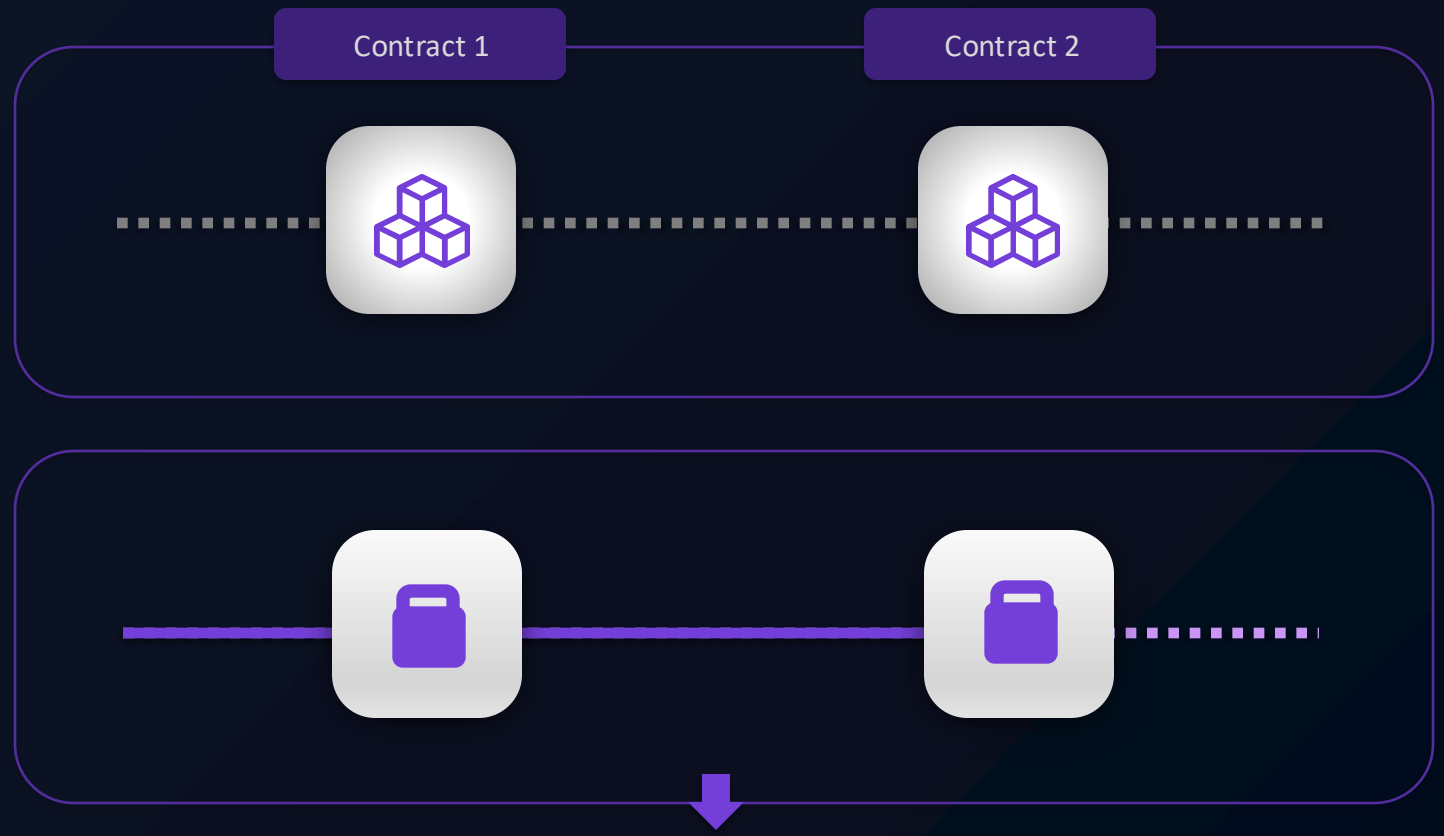
LatticA bridges every institution, every chain
- by FHE16

***Previous Chains**

Contract logics and results are Immediately open

***FHE16**

Contract is made on the ciphertext



‘ Time — Controlled Reveal - Free Optional Feature! ‘

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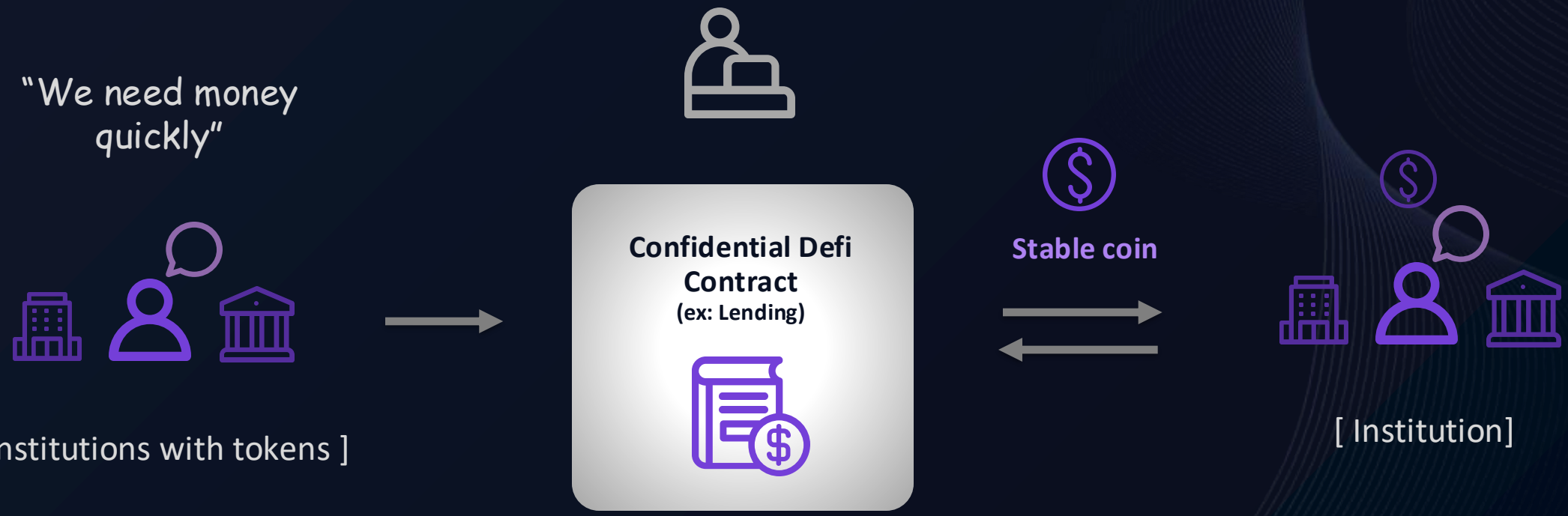
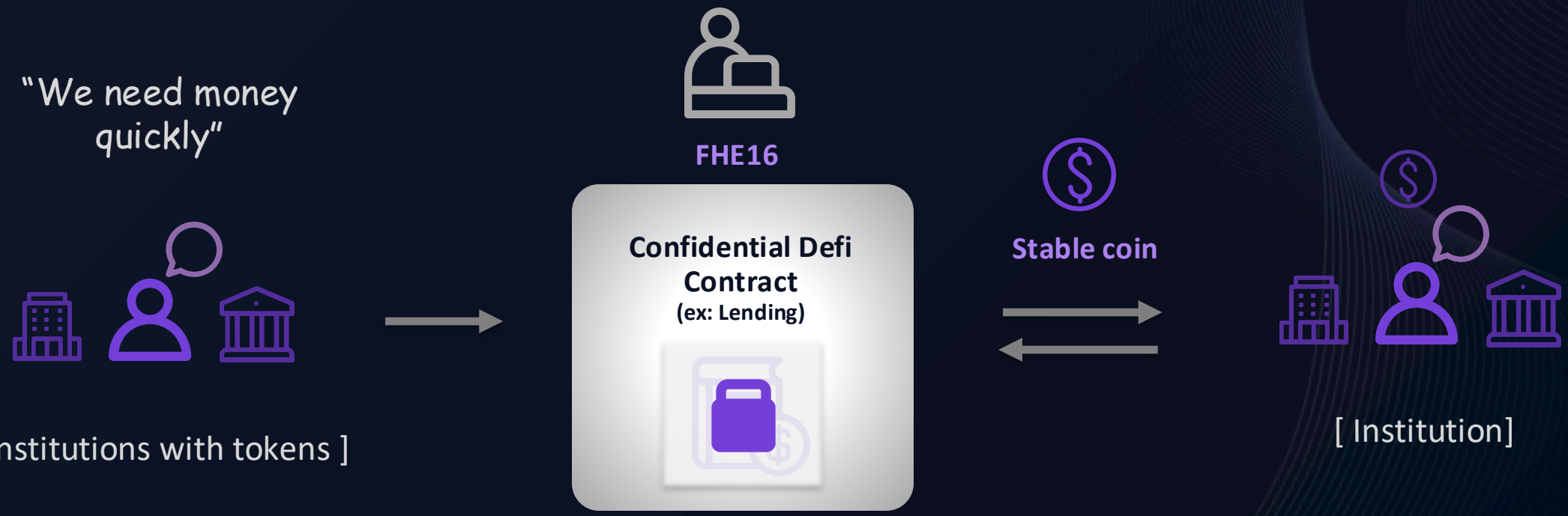
Confidential Transactions, Verifiable Results
- with FHE



FHE16 keeps your contract confidential.

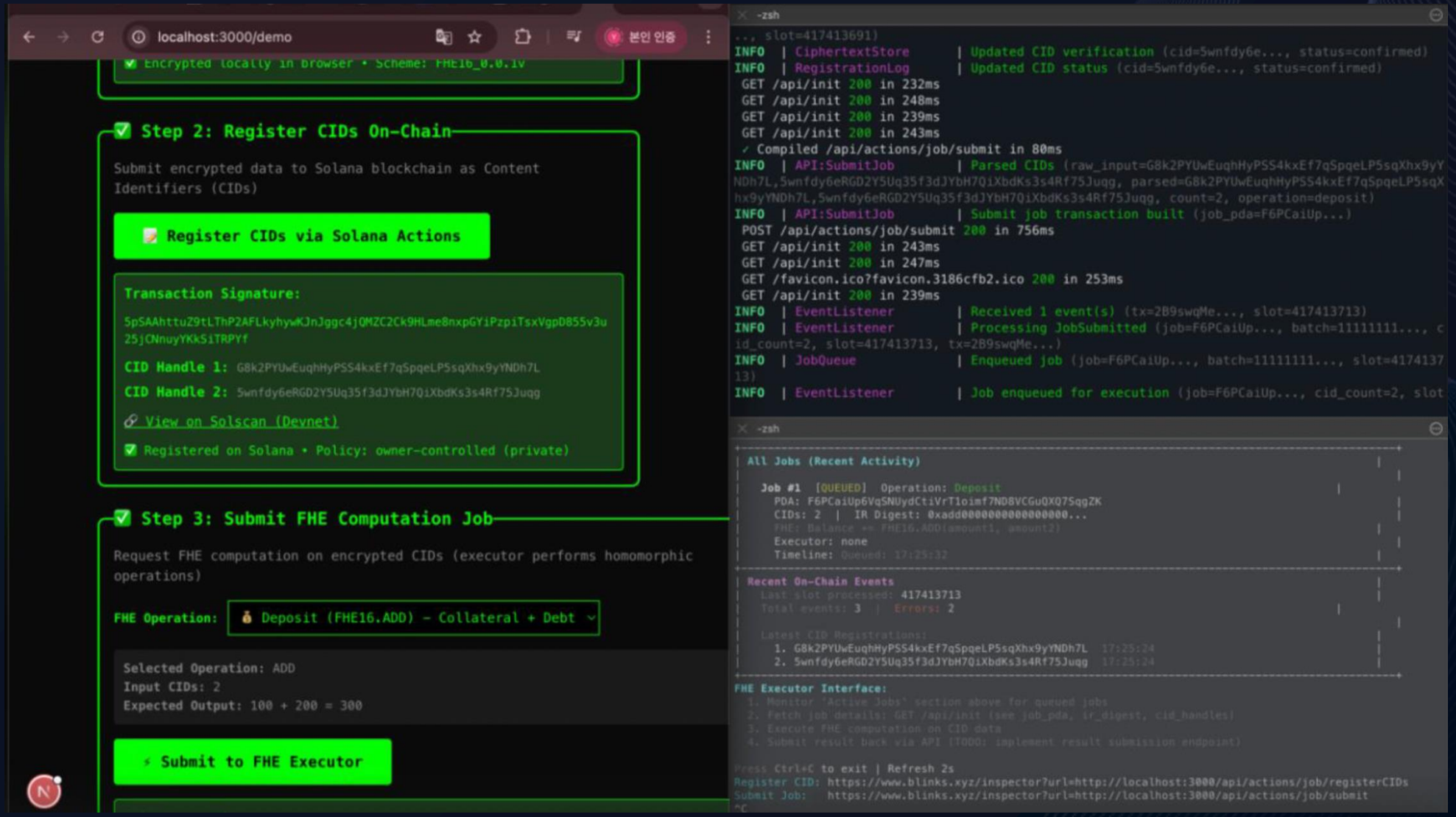
LatticA

Confidential Transactions, Verifiable Results
- with FHE



FHE16 keeps your contract confidential.

Demo scenario-Confidential Defi Contact



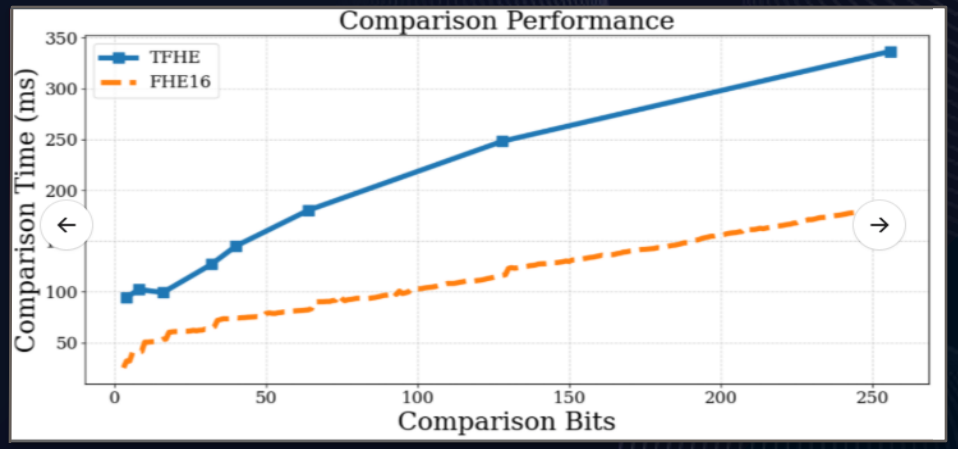
LatticA(FHE16) VS SOTA FHE

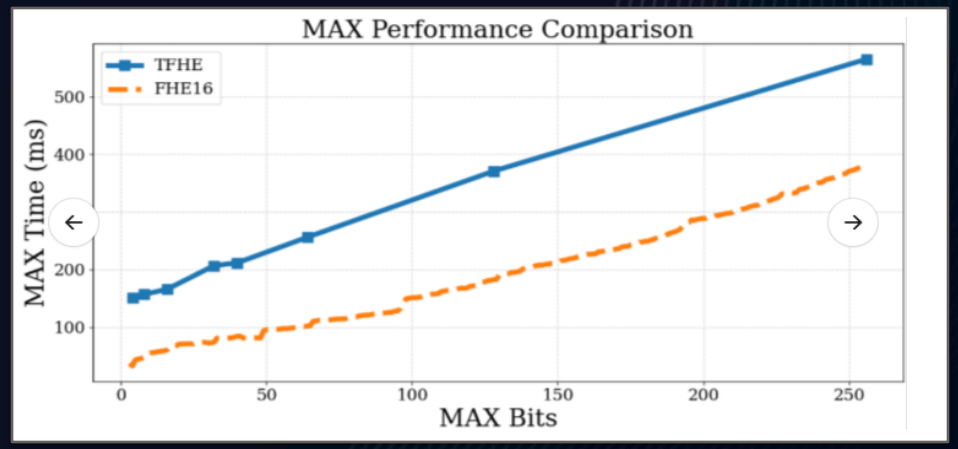
- **Our Technology: FHE16**
- **Decentralized computation**
  Any-device can make confidential contracts
- **Public verification**
  Any-device can re-run all contracts
- **Improved computation speed**

[Speed comparison]

LatticA is 2-3 times faster than SOTA FHE

SOTA FHE — — — FHE16





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Skilled WEB3 Developers

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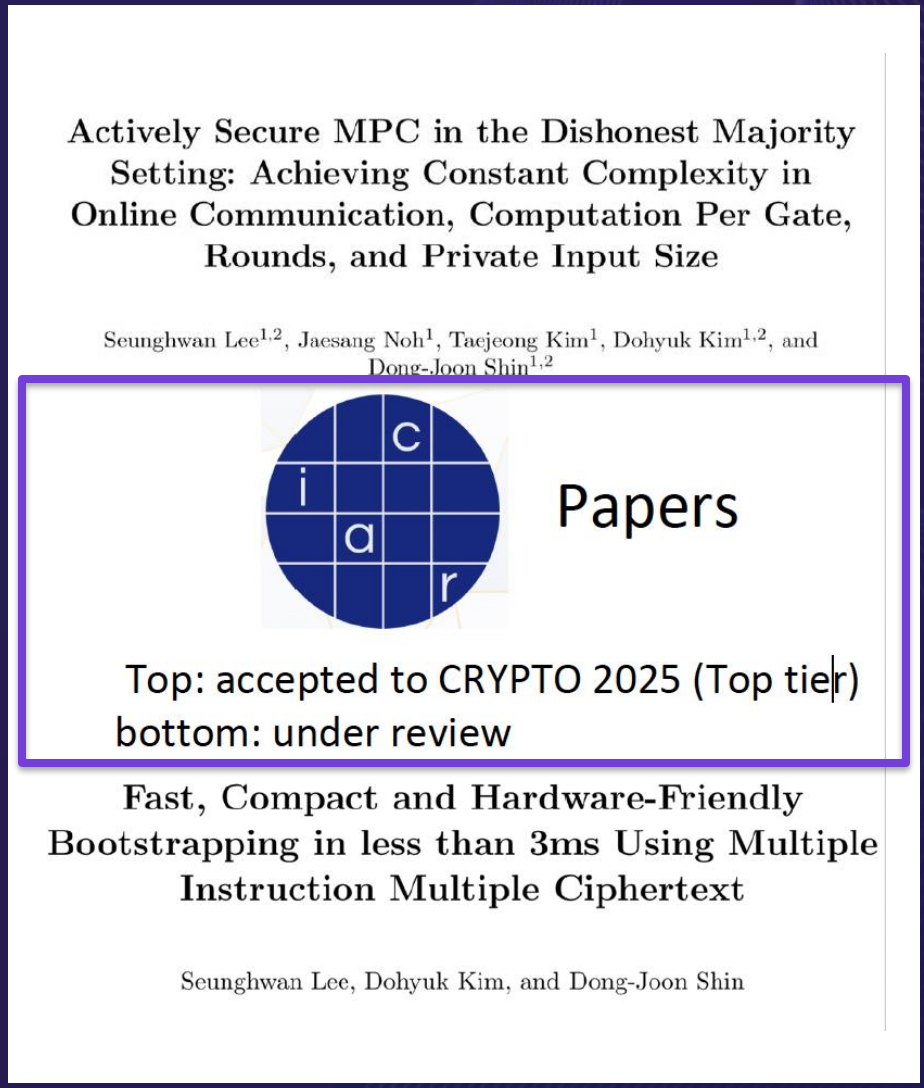
Skilled WEB3 Designers



FHE16

Let’s build confidential contracts on Ciphertexts!

Goodbye **Front-running**, Hello **Institutions**

@SCARROTS

LatticA

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