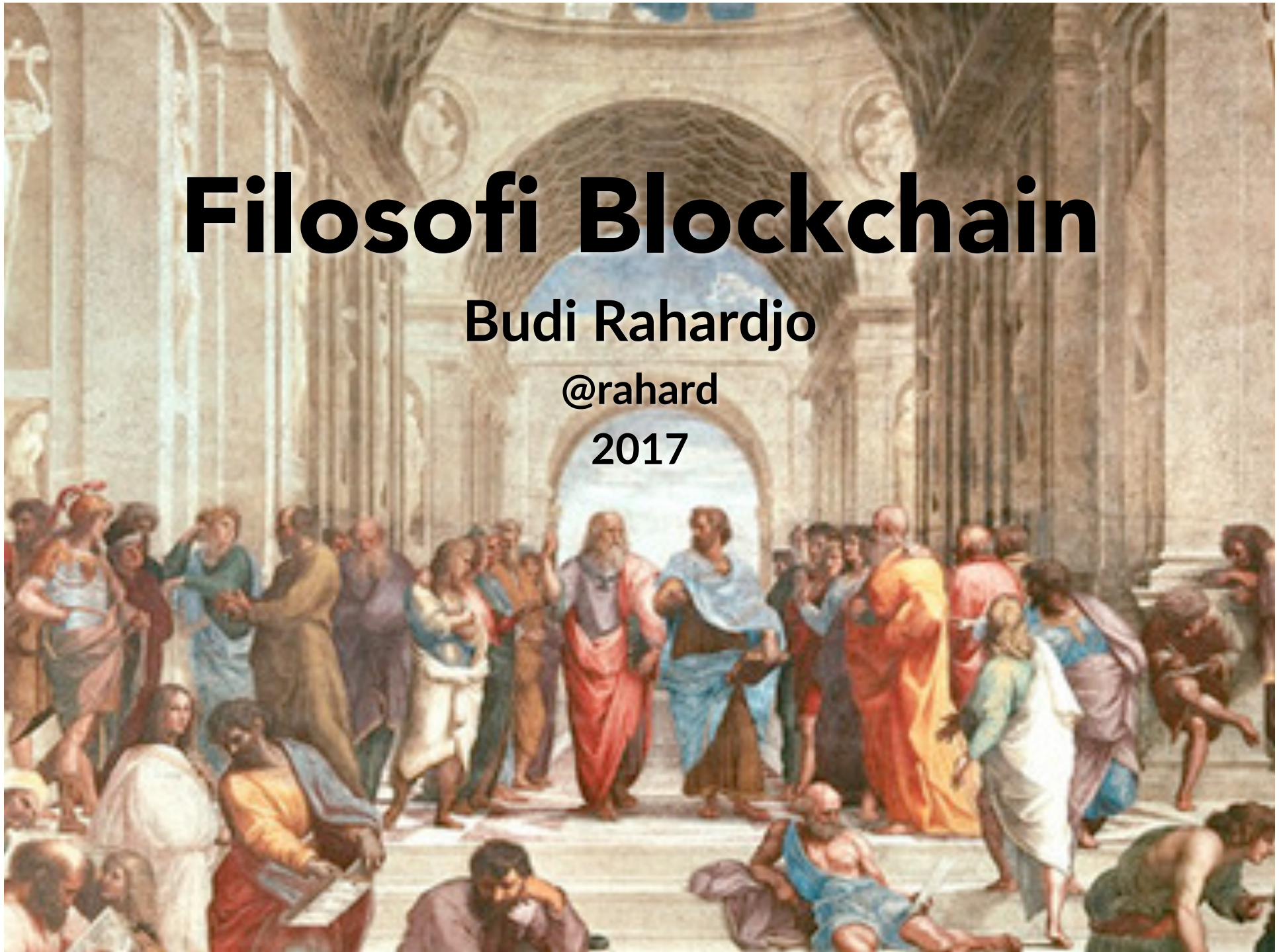


Filosofi Blockchain

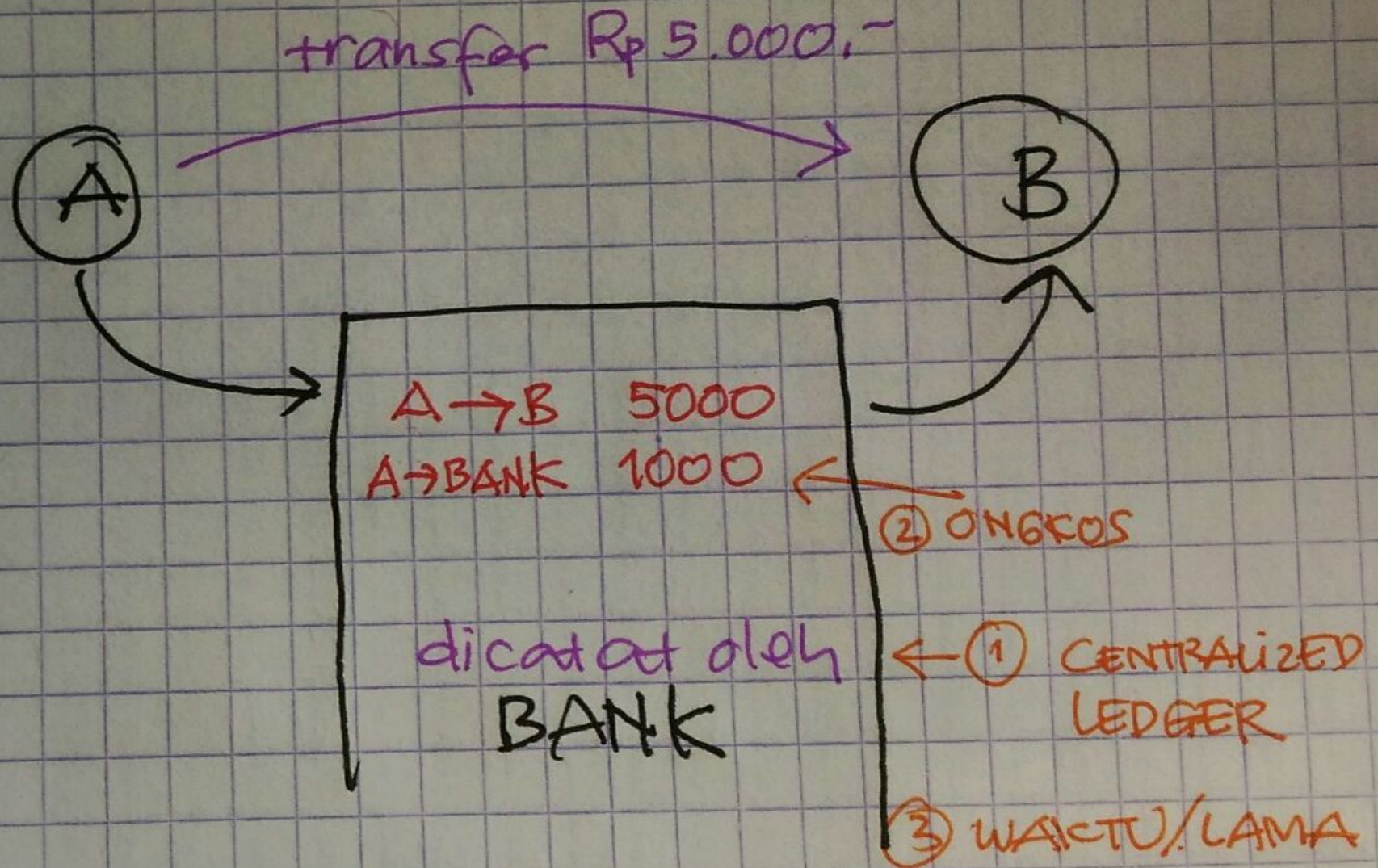
Budi Rahardjo

@rahard

2017



Blockchain ≠ Bitcoin



A
miner

B

A=1.000.000

Chain: 7654321

A > B 5000

hash of the above: ...
Meets certain criteria?
If yes, found
If no, change chain

C
miner

Use the (perl) script ...

DEMO

A

A = 1.000.000

A > B 5000

Chain: 4767

Hash: 005e474d5e775e...

B

C:

Validated the transaction

Found the hash

Added into the ledger

Got “paid” for the effort

Transactions propagated

C

D

A = 1.000.000

A > B 5000

Chain: 4767

Hash: 005e474d5e775e...

Penutup

- Komponen dari **Blockchain**
 - Distributed Open Ledger (database)
 - “Miners” (pihak-pihak pencatat)
 - Aturan (kebijakan) tentang “pemenang” dan “honor kerja”
- Dapat diaplikasikan kepada hal-hal yang memiliki komponen tersebut (beserta variasinya)