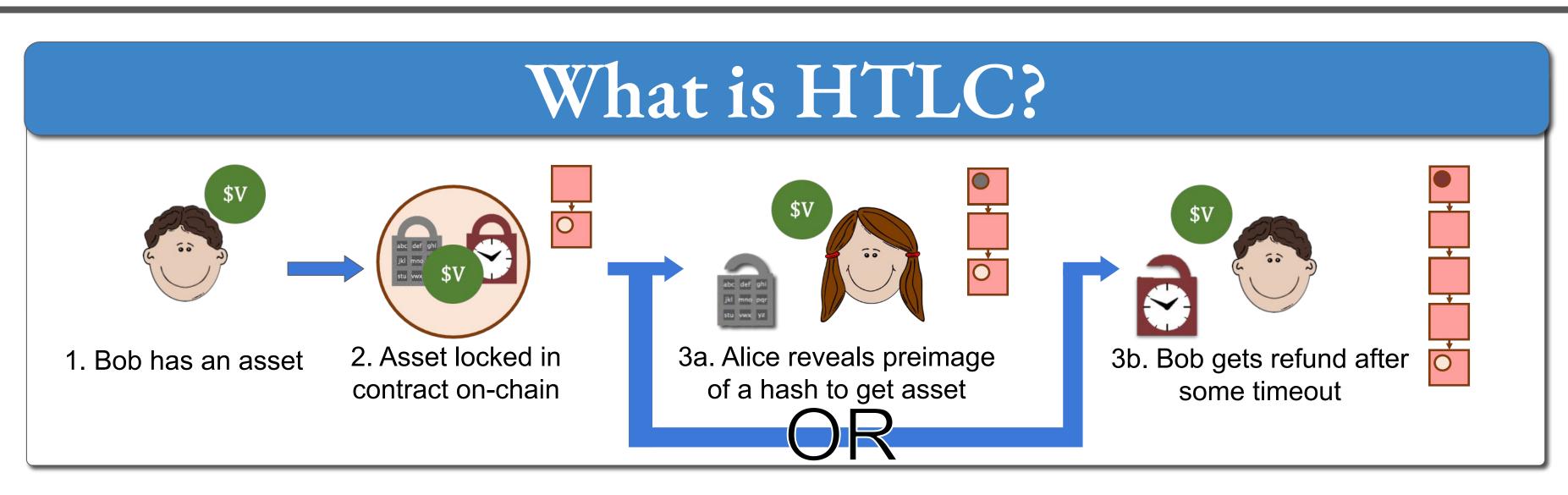


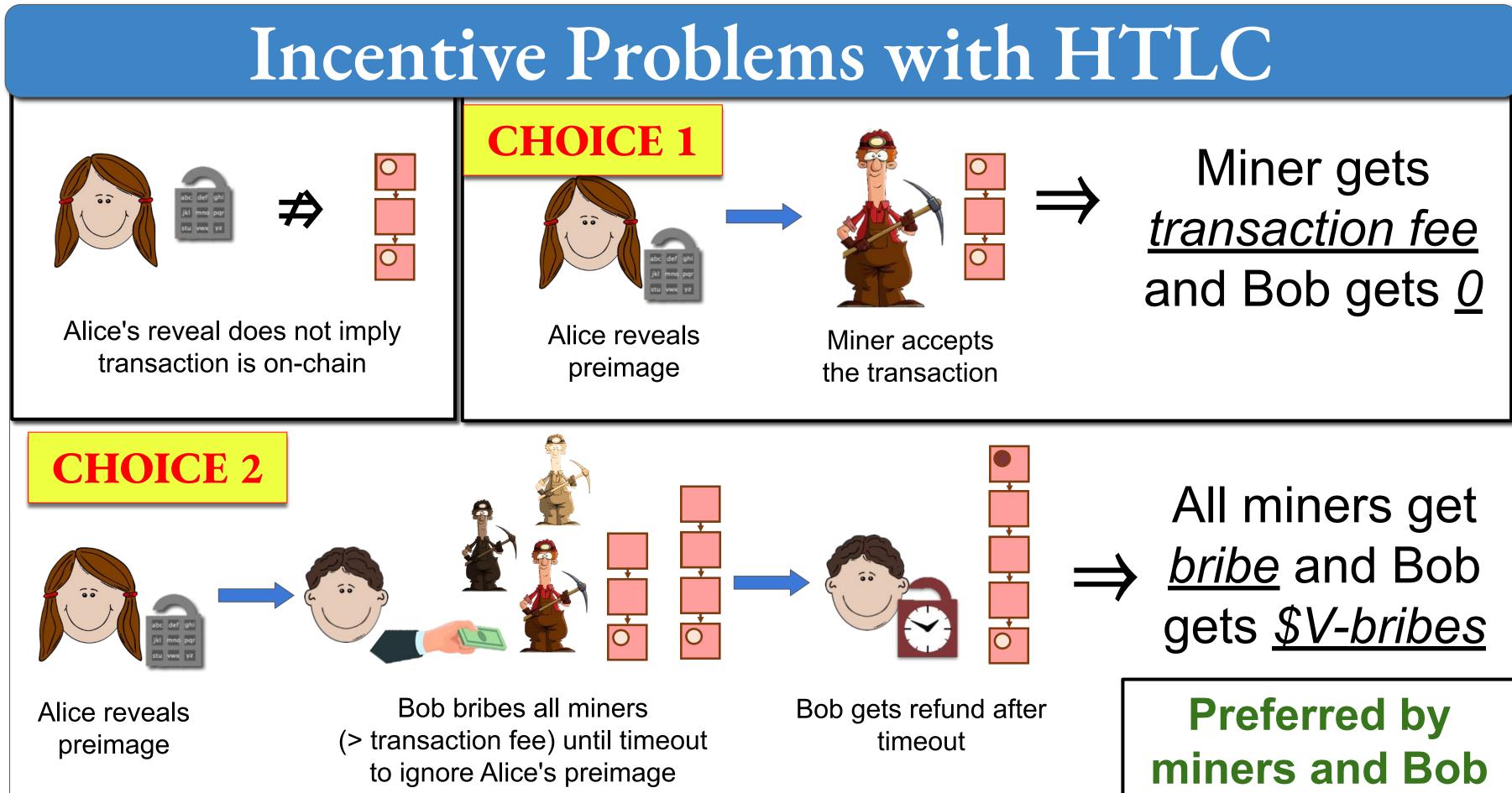
He-HTLC: Revisiting Incentives in HTLC

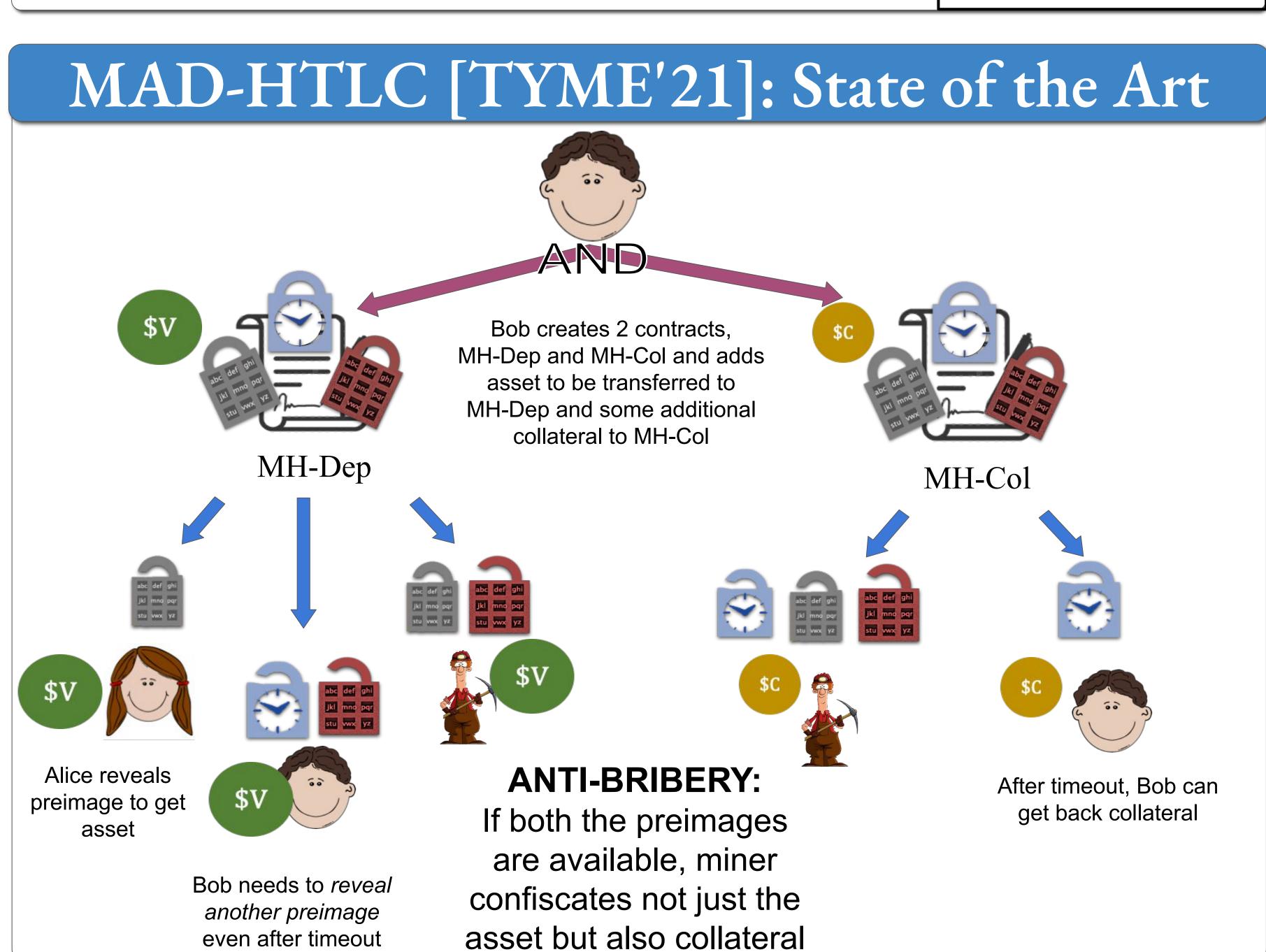
Duke

https://eprint.iacr.org/2022/546.pdf

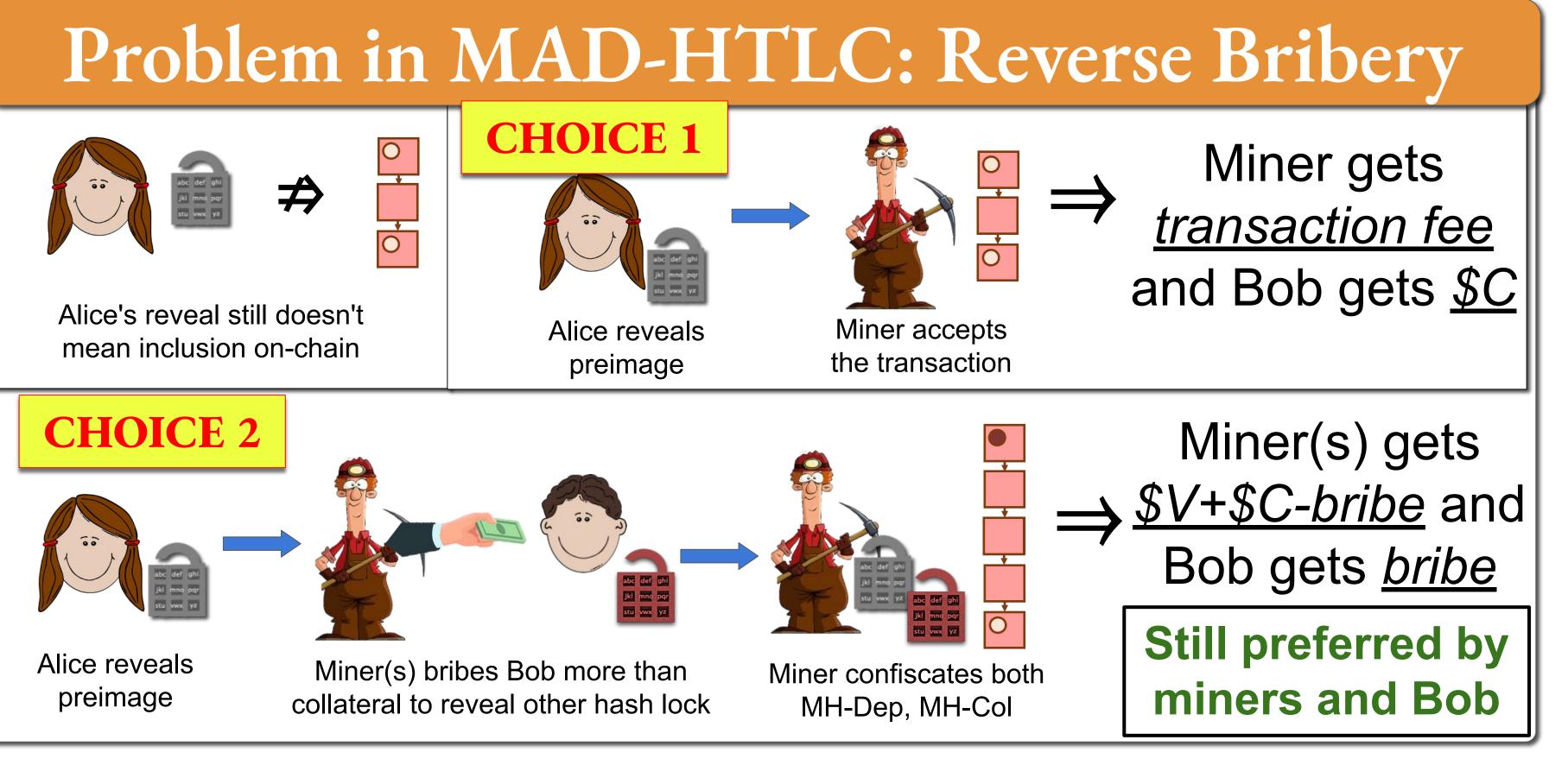
Sarisht Wadhwa (sarisht.wadhwa@duke.edu), Jannis Stöter, Fan Zhang and Kartik Nayak

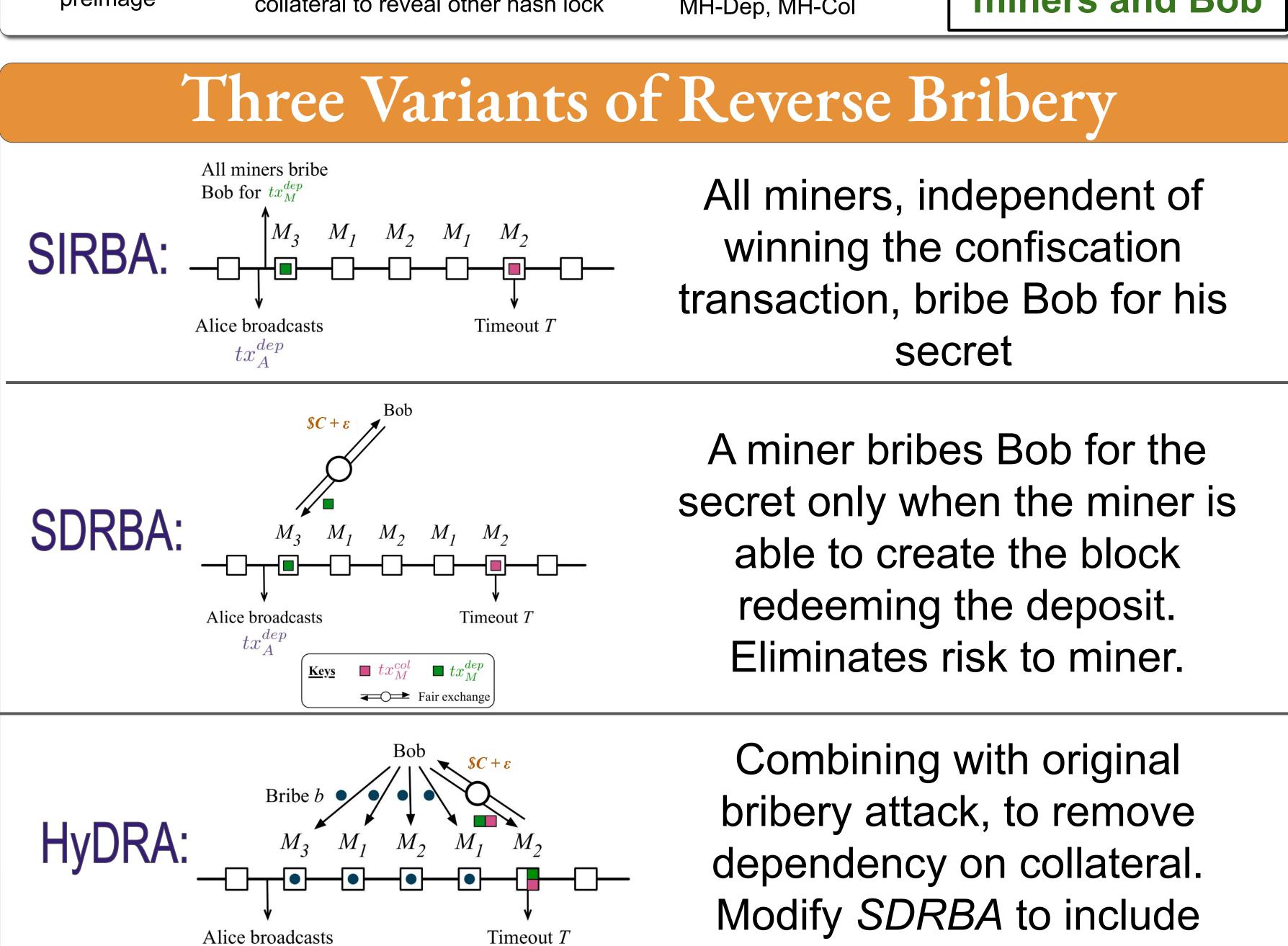




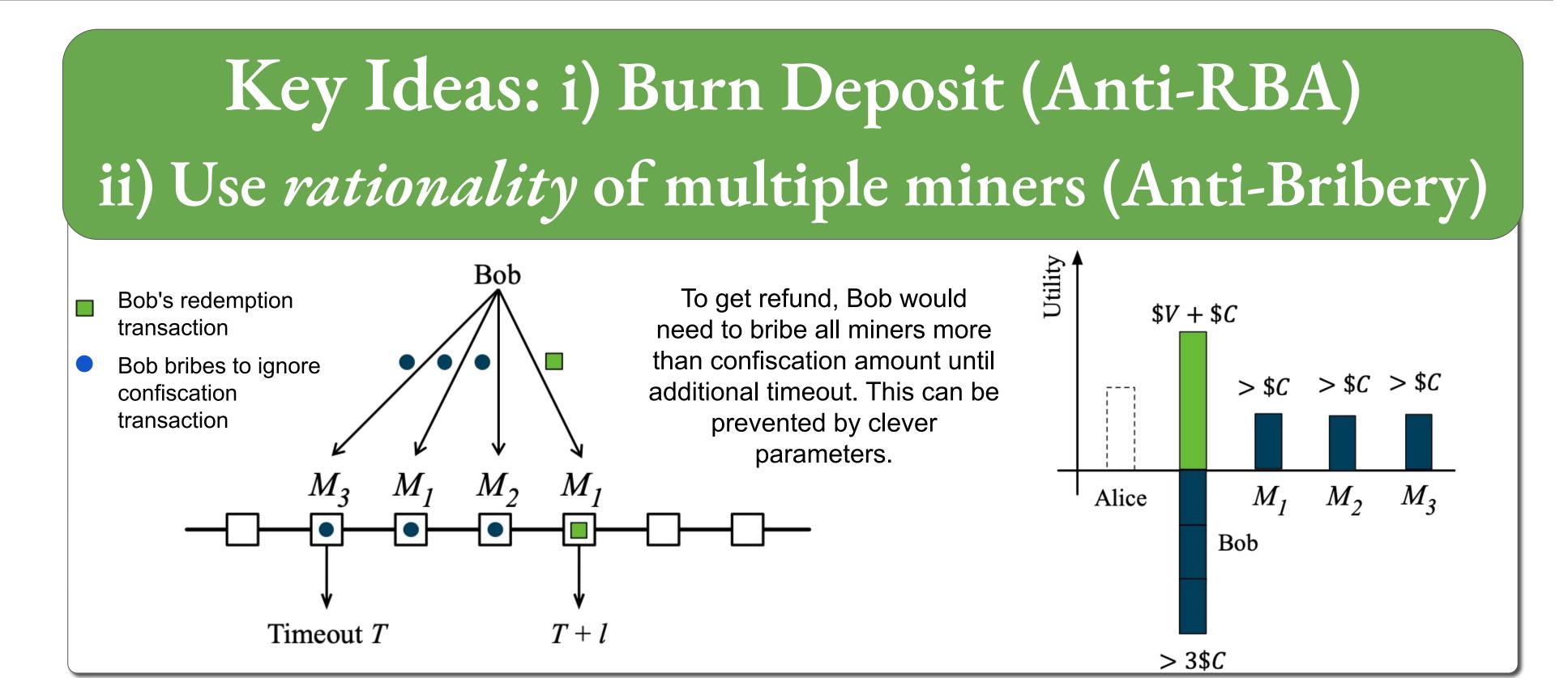




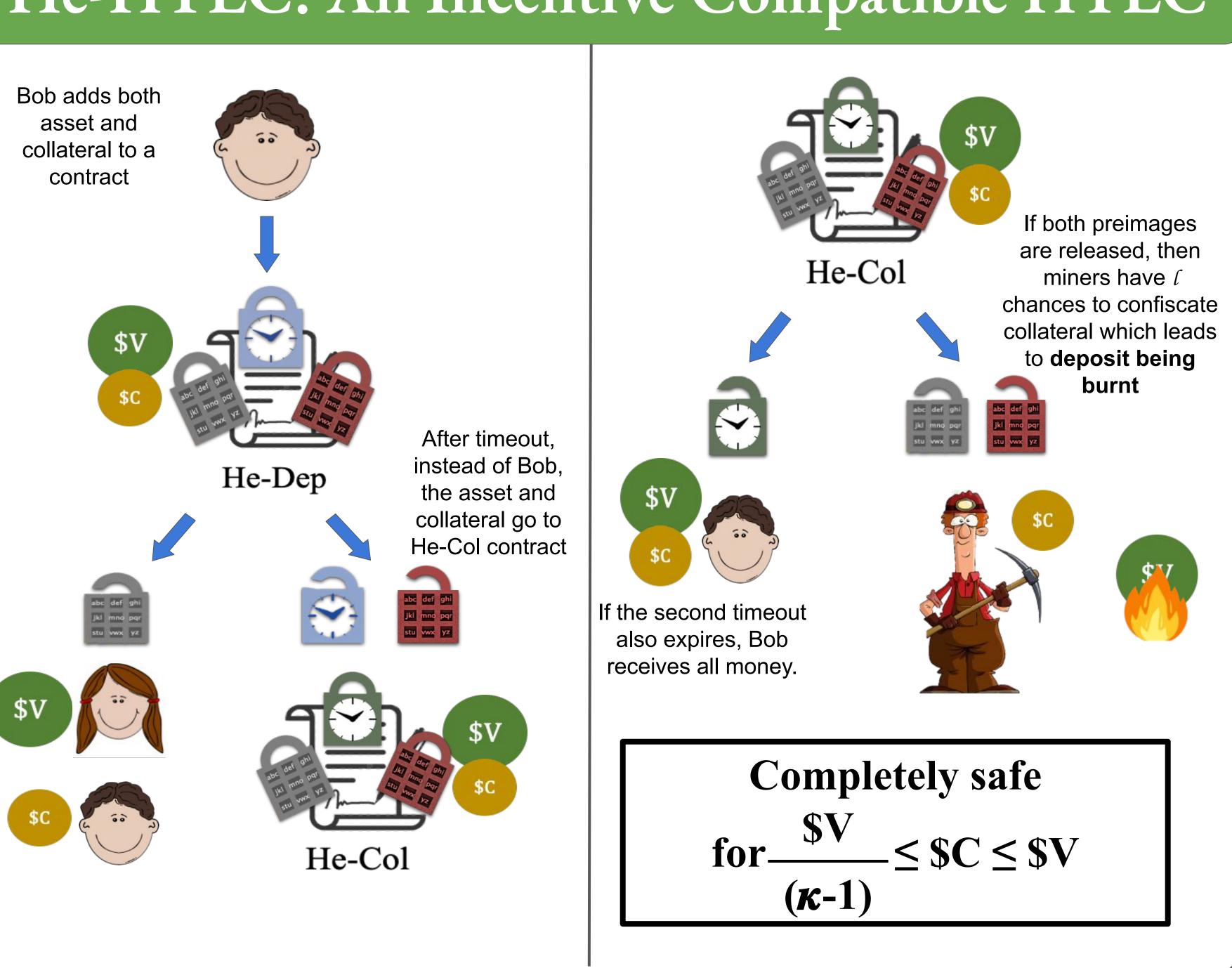




both collateral and deposit.







Salient Aspects of He-HTLC

- Low collateral required from Bob.
- Even when all miners are active, security is not impacted.
- Instant return of collateral when honest successful execution.
- Lightweight and implementable with current Bitcoin OPcodes.
- Alice need not monitor the network after revealing.