**Block chain-Enabled E-Voting**

**ABSTRACT**

E-VOTING is among the key public sectors that can be disrupted by blockchain technology.1 The idea in blockchain-enabled e-voting (BEV) is simple. To use a digital-currency analogy, BEV issues each voter a “wallet” containing a user credential. Each voter gets a single “coin” representing one opportunity to vote. Casting a vote transfers the voter’s coin to a candidate’s wallet. A voter can spend his or her coin only once. However, voters can change their vote before a preset deadline.2 Here, we argue that blockchains might address two of the most prevalent concerns in voting today: voter access and voter fraud. The idea is as follows. Eligible voters cast a ballot anonymously using a computer or smart phone. BEV employs an encrypted key and tamperproof personal Ids.

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