

From Smart to Secret Contracts: A Protocol for Decentralized Computation with Guaranteed Privacy

Blockchains are a revolutionary technology, but they are still held back by fundamental limitations in both, scalability and privacy. For decentralized applications that can achieve global adoption, protocols are needed that solve these challenges. Founder Guy Zyskind developed the Enigma privacy protocol for scalable, decentralized computation of sensitive data during his thesis at MIT. Its team, based in the US and Israel, has launched a data trading platform based on the protocol, and is about to launch the testnet for smart contracts within the coming weeks. Guy Zyskind will give an introduction to the cryptographic approach applied in decentralized computing with the Enigma protocol and give an overview on the current status and roadmap.



Guy Zyskind
Founder & CEO
Enigma

Guy Zyskind holds a M.S. from MIT and a B.S. in Electrical Engineering and Computer Science from Tel-Aviv University. He worked as a Chief Technology Officer at Athena Wisdom (now Endor), an MIT Media Lab spin-off company involving Big Data Analytics and Network Science, led the development of several start-up companies and has authored several academic papers, most recently on privacy and the blockchain, including the Enigma whitepaper (downloaded over 100K times) and “Decentralizing Privacy: Using Blockchain to Protect Personal Data” that appeared in IEEE SPW 15. In 2015, he became the founder and CEO of Enigma.