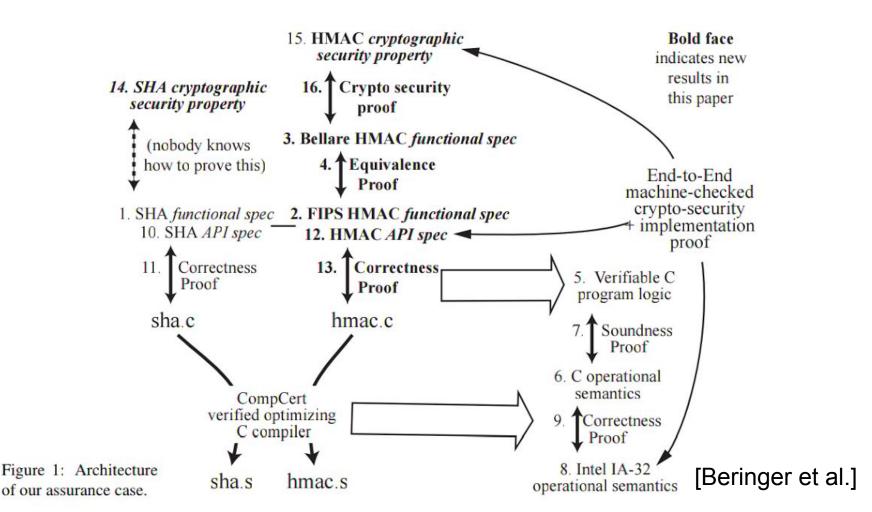
Programming Languages and Cryptography

Formal verification of cryptography (of proofs and impl)

Help non-experts program crypto (prog lang. design, protocol synthesis)

Application areas (cryptocurrencies, consensus, trusted hardware)



FCF, miTLS, curve25519

Oblivc, ObliVM, wysteria, ABY

Pinocchio, Buffet, jSNARK



What are the recent exciting results?

How can PL help crypto and vice versa?

Where are we stuck?

Community-wide short-, medium-, long-term agenda?

What do you want to say to NSF?