NSF CSR/NeTS 2019
Joint PI meeting

Breakout session:
Formal Verification

Session leads:
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FUTURE DIRECTIONS

To make formal methods

- modular and composable
- systems of systems
- reuse proofs across layers
- accessible to ordinary developers
- automation
- scalability
Open Challenges

How to program systems so they are easily verifiable?

How to facilitate probabilistic and statistical reasoning?

How to tame the complexity of concurrency and distribution?