

# Contextual Integrity for Computer Systems - July 2018

Submitted by [Serge Egelman](#) on Mon, 07/30/2018 - 10:28am

PI(s), Co-PI(s), Researchers: Michael Tschantz (ICSI), Helen Nissenbaum (Cornell Tech)

## HARD PROBLEM(S) ADDRESSED

*Scalability and Composability, Policy-Governed Secure Collaboration*

## PUBLICATIONS

## KEY HIGHLIGHTS

Once funding is in place, the first quarter will be spent with Helen Nissenbaum (Cornell Tech) and Michael Tschantz (ICSI) collaborating to create a formal representation of the contexts found in contextual integrity. Prior work has show that the term "context" has been interpreted in a wide range of manners. The representation we produce will serve as a reference model for not just comparing different interpretations but also for expressing what Nissenbaum, the creator of contextual integrity, sees as the precise form of contexts in her theory. They will also serve as a starting point for adapting contextual integrity to the changing needs of computer science.

## COMMUNITY ENGAGEMENTS

Michael Tschantz presented an overview of this effort at the kickoff meeting.

## EDUCATIONAL ADVANCES:



[Approved by NSA Policy-Governed Secure Collaboration Scalability and Composability ICSI Contextual Integrity for Computer Systems 2018: July](#)

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