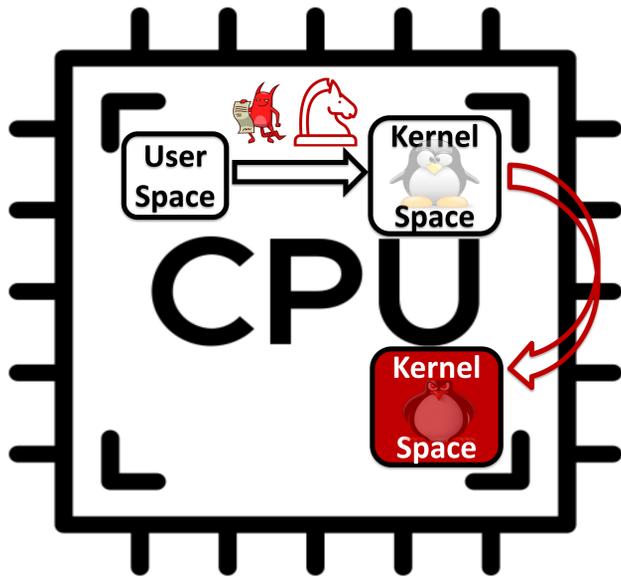


## Considering the Future of Hardware Trojan Attacks

Athanasios Moschos, Angelos D. Keromytis, Georgia Institute of Technology

### Overcoming Stochasticity in Hardware Trojan Design...

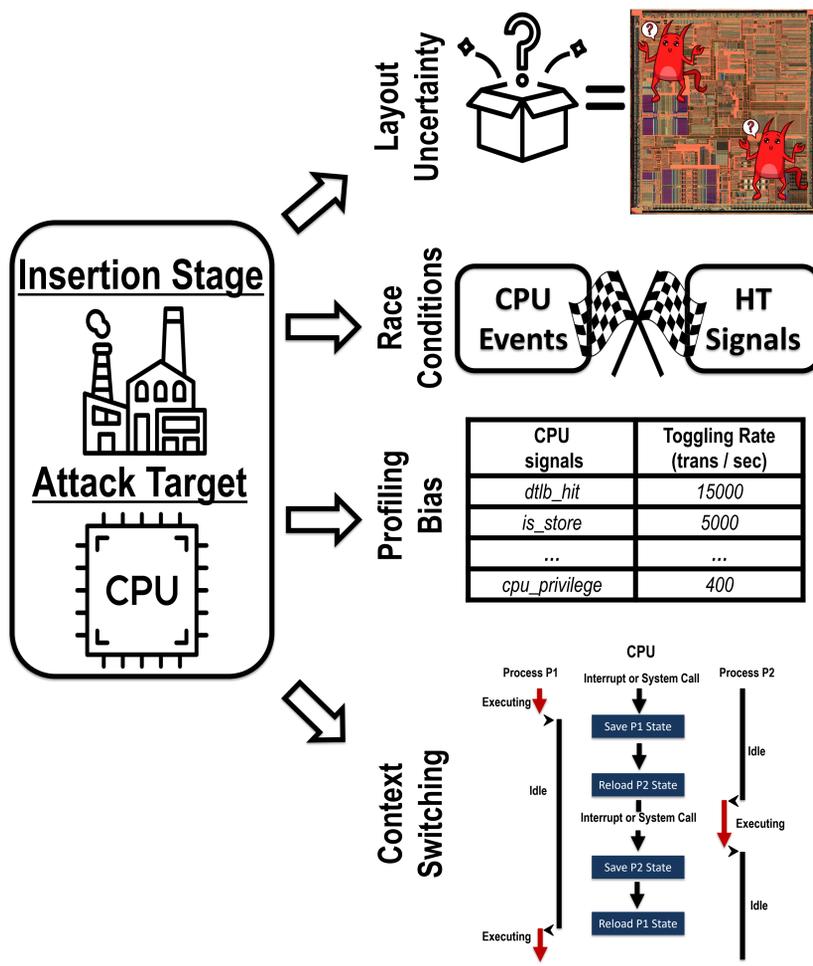
#### Old Attack Scenario



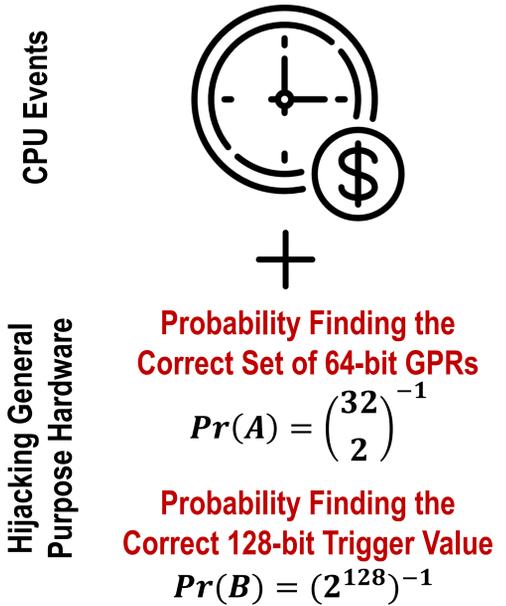
Need system access to trigger the 



#### Old Challenge: Stochasticity



#### Attacker's Solution

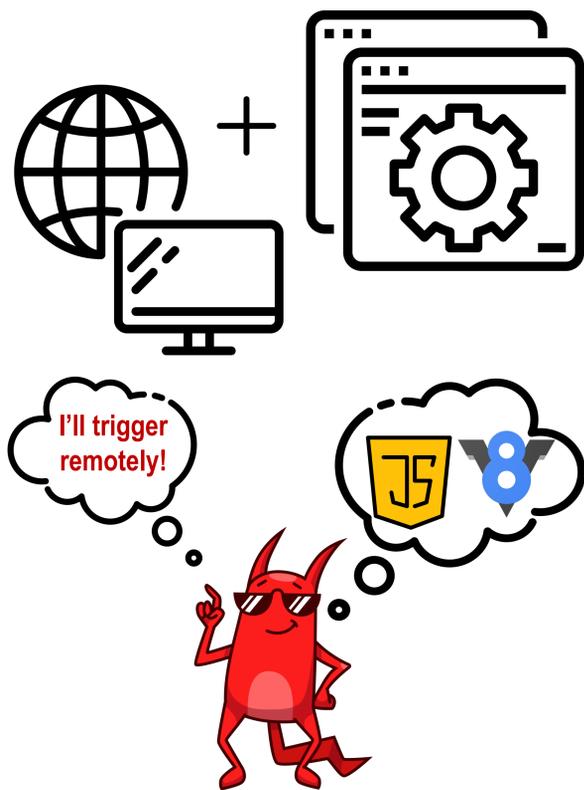


Empirical trigger conditions. The power of numbers!

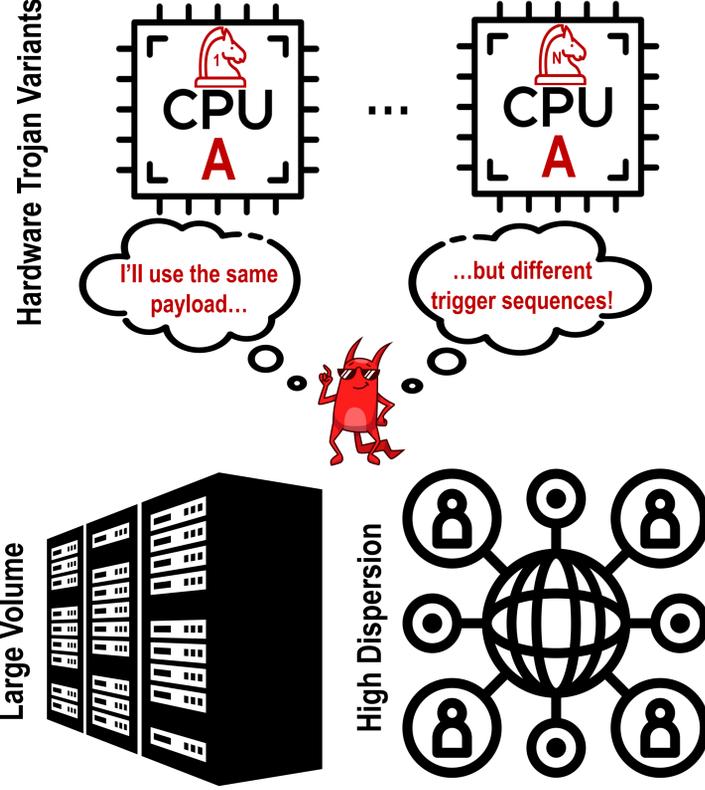


### ...Allows for More Complex, Remote, Application-Level Attacks.

#### New Attack Scenarios



#### New Threats & Objectives



#### New Challenges

