DAC Young Fellows



FROM CHIPS TO SYSTEMS — LEARN TODAY, CREATE TOMORROW

Considering the Future of Hardware Trojan Attacks

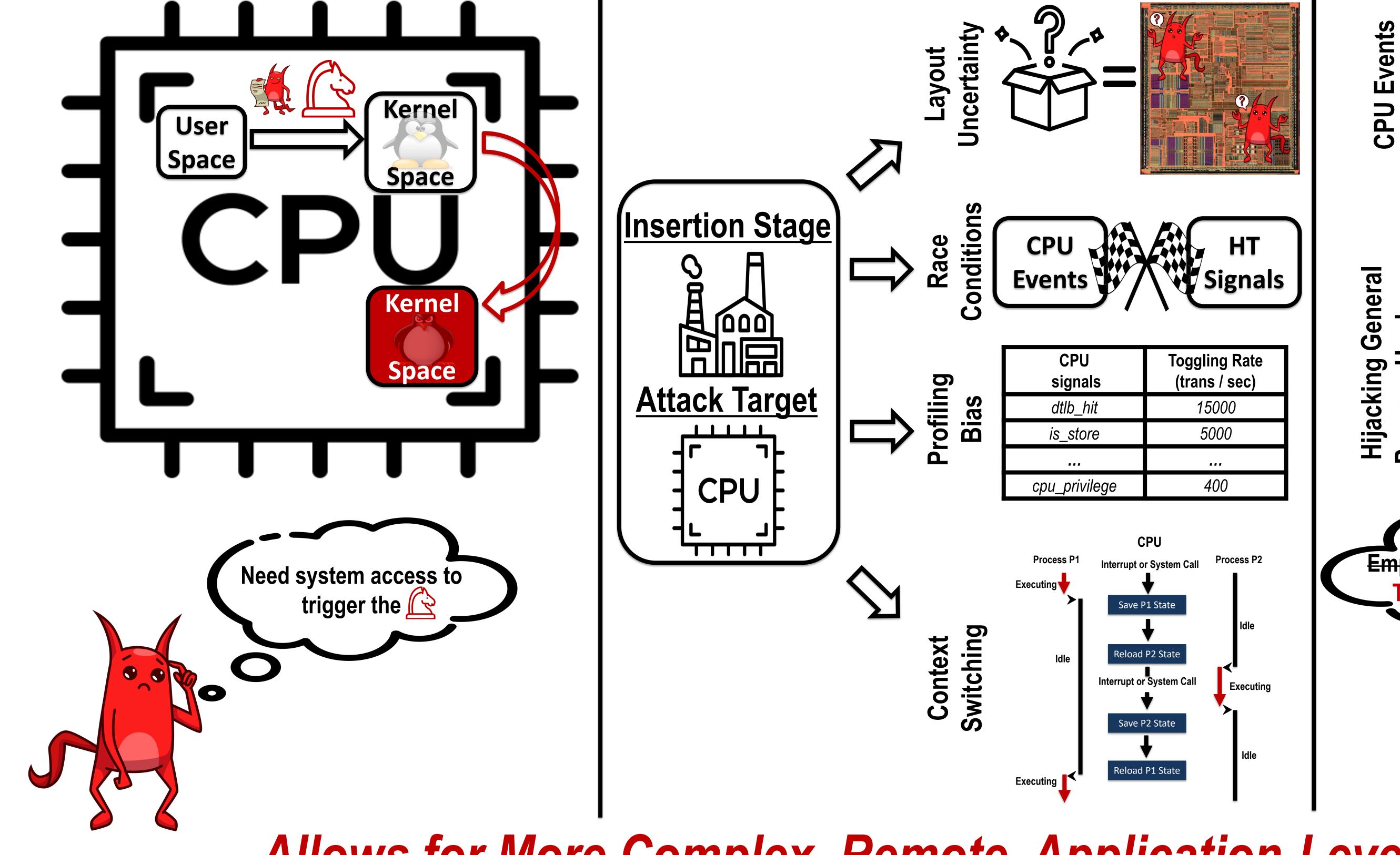
Athanasios Moschos, Angelos D. Keromytis, Georgia Institute of Technology

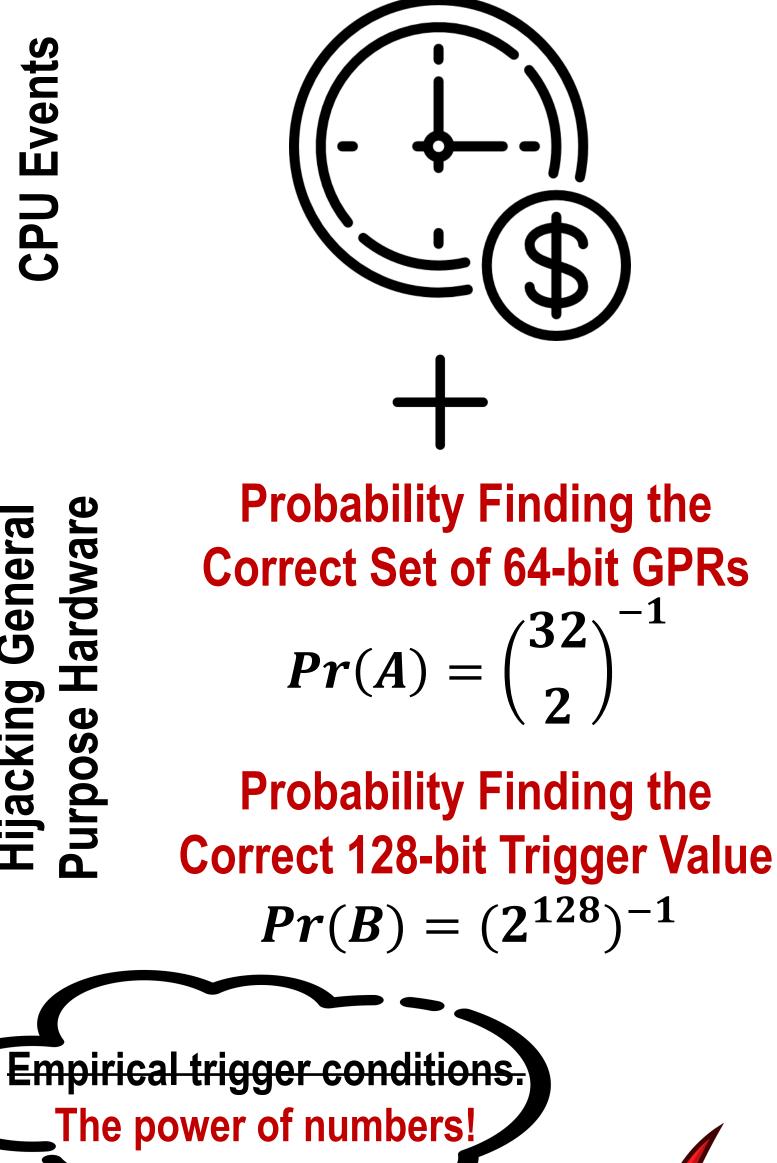
Overcoming Stochasticity in Hardware Trojan Design...

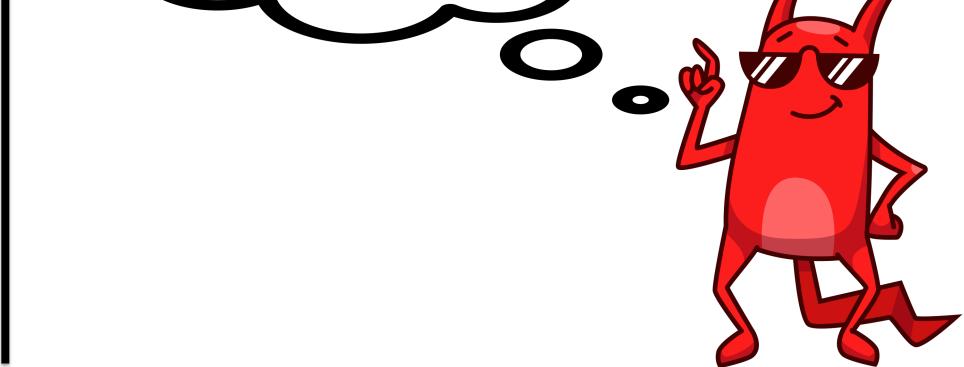
Old Attack Scenario

Old Challenge: Stochasticity

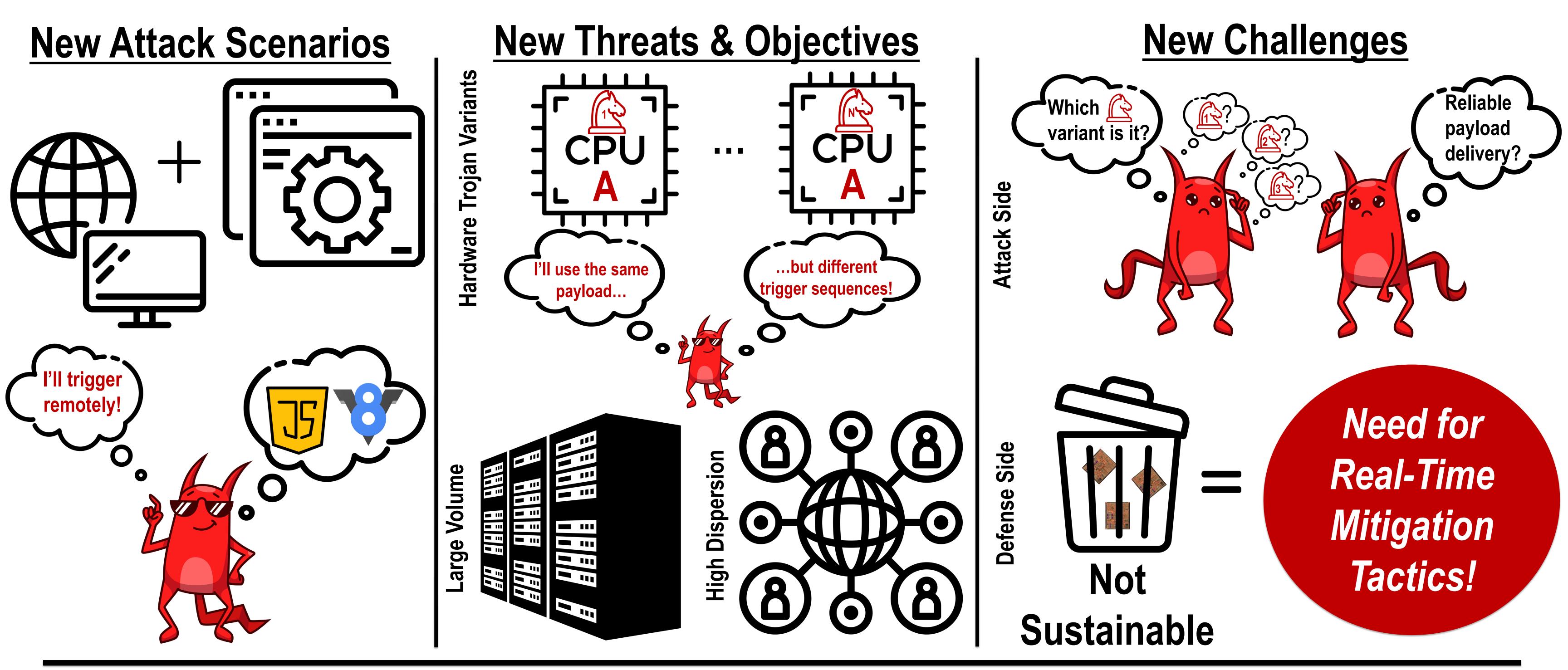








...Allows for More Complex, Remote, Application-Level Attacks.





ACKNOWLEDGEMENTS:

This work is supported by the "Dormant Hardware Trojan Detection Using Back-Scattering Side Channels" project under ONR Contract #N00014-19-1-2287



Contact Details:

A. Moschos, amoschos@gatech.edu A. D. Keromytis, angelos@gatech.edu

COEUS Center, School of Electrical and Computer Engineering, Georgia Institute of Technology