

Potentia Est Scientia: Security and Privacy Implications of Energy-Proportional Computing

Shane S. Clark, Benjamin Ransford, and Kevin Fu, *University of Massachusetts, Amherst*

This paper focuses on the increasing ease with which power analysis attacks can be conducted against computing infrastructure. While power analysis attacks are not new, the authors show that it is possible to determine the webpage being viewed by a target with a high degree of accuracy. The PC members were surprised at how well this technique worked and enjoyed reading the paper. However, we believe that the authors should consider remeasuring such attacks from much further away in the house, making the attacks more realistic. The PC agreed that this paper would spur interesting discussions.