

This is the cover page.  
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# 1 Introduction and background

- 1.1 Role of power management in modern CPUs
- 1.2 DVFS (dynamic voltage and frequency scaling)
- 1.3 Security issues due to DVFS
- 1.4 Contribution and outline

# 2 Related work

- 2.1 CLKscrew: Exposing the Perils of Security-Oblivious Energy Management (Adrian Tang et al.)
- 2.2 The Security of Intel SGX for Key Protection and Data Privacy Applications (Yehuda Lindell)
- 2.3 Blacklist Core: Machine-Learning Based Dynamic Operating-Performance-Point Blacklisting for Mitigating Power-Management Security Attacks (Adrian Tang et al.)

# 3 Methodology

- 3.1 Available DVFS interfaces
  - 3.1.1 Overclocking
  - 3.1.2 Undervolting
- 3.2 Determining unstable OPPs (operating performance points)
- 3.3 Tools

# 4 Conclusion

- 4.1 Summary
- 4.2 Disucssion
- 4.3 Future work

# 5 References