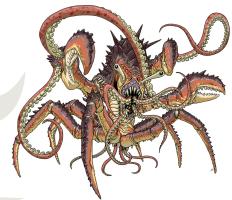


PQCzoo: Post-Quantum Beasts and

Where to Find Them

James Howe, Marco Martinoli





On which embedded device does Frodo fit?





- On which embedded device does Frodo fit?
- Can you fault Dilithium?





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- Does NewHope suffer cold (boot attacks)?





- On which embedded device does Frodo fit?
- Can you fault Dilithium?
- Does NewHope suffer cold (boot attacks)?
- Does a hardware design of a code-based scheme exist?



OPPA

GOPPE

CODES







.....

Introducing: PQCzoo!

POCzoo

Hardware Designs Microcontroller Designs News Side-Channel Analysis About PQCzoo

PQCzoo

PQCzoo

A website created to collect results relevant for the NIST post-quantum standardisations process. Topics include, but are not limited to; side-channel analysis, optimised hardware designs, and optimised microcontroller designs.

Updates and additions to the website will be posted to the News page as well as the PQCzoo Twitter page. For questions, or if you have any ideas to improve the website, or would like to contribute, please contact us via email or Twitter.

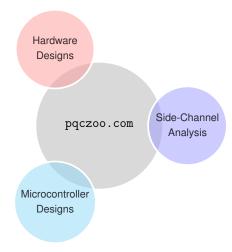


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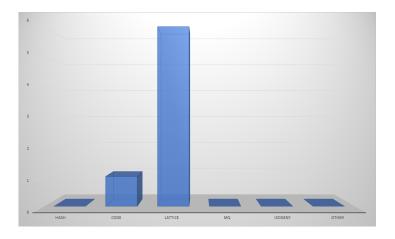


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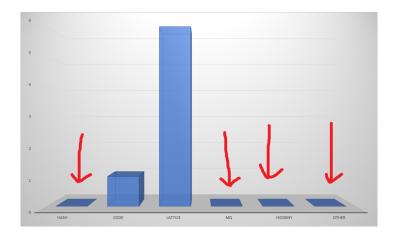


Represented Classes





(Under)Represented Classes





Awaiting submissions...



10 September 2018



Cool! How do I submit my paper?

- You need a GitHub account.
- Access PQCzoo's Git: github.com/pqczoo/pqczoo.github.io.
- Add an entry with your paper to the appropriate table (HW, SW, or SCA).
- Send a pull request and wait, the paper will be on soon! :)



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Instructions on this are on the website's About section (pqczoo.com/about). Otherwise, send me an email or catch me at the conference!