Observations on Deploying New DNSSEC Cryptographic Algorithms

draft-york-deploying-dnssec-crypto-algs

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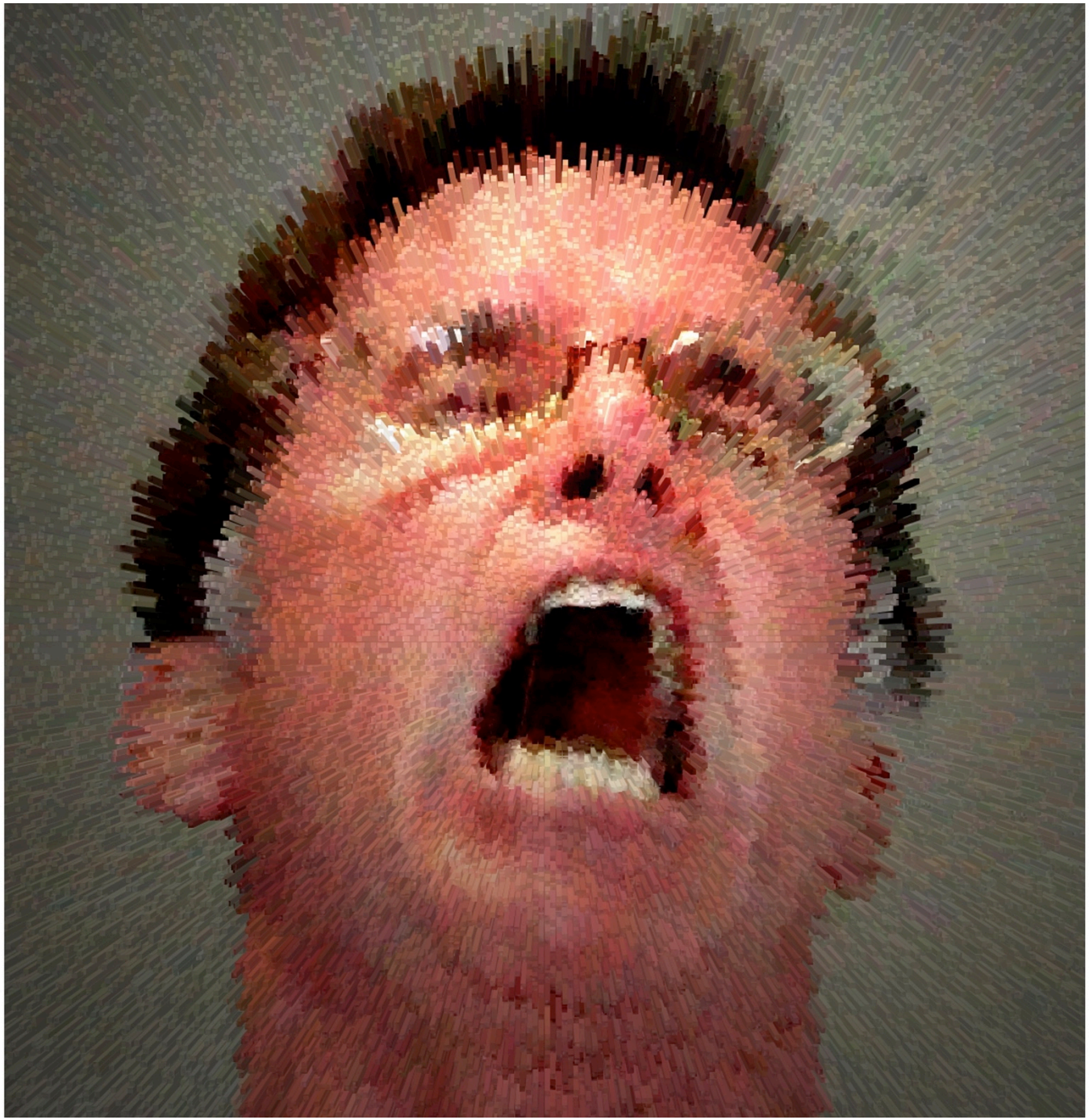

https://www.flickr.com/photos/patgaines/4011759821

Draft status

- ***Why can't we get new crypto algs deployed quickly?***

- Overall goal is to help make it easier to deploy new DNSSEC cryptographic algorithms within DNS.
  - Today ECDSA... tomorrow EdDSA ... and then.....

- Intent to document a common understanding of the typical deployment process of DNS infrastructure elements and potentially identify opportunities for improvement of operations.

- Version -04. Document developed at: https://github.com/danyork/draft-deploying-dnssec-crypto-algs

- See DNSOP presentation at IETF 96 in Berlin

Aspects of Deploying New Algorithms

- DNS Resolvers Performing Validation
- Signing Software
- Registries
- Registrars
- DNS Hosting Operators
- Applications

Requests

- Reviewers?

- WG adoption – thoughts?