

**Title:** Network DDoS defence,  
Network Authentication, and  
Improving all Encryption/Hashing Algorithms

Author: PhD Student Todd Booth

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## 1 Abstract

1. Todd is interested to find funded project work, in the following areas (which are Todd's primary research areas)
2. Network DDoS defense (including reputation based and authentication based defenses and advanced IP address reconfiguration defenses)
3. Network authentication via an algorithm to move all on-line service passwords to the cloud.
4. Blockchain related network authentication (including to be used as a defense concerning network DDoS attacks)
5. Encryption and Hashing (how to improve all existing cryptographic encryption and hashing algorithms)

Todd will present a very short summary, concerning his work in all of the above security research areas. If you have any funded projects and are interested in collaborating with Todd, here is his contact information: Email: Todd.Booth@Ltu.Se and Phone: 072-519-7733