# Hacking the Hackers: Strategic Analysis in Cyber Defense

#### Kenneth Geers

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#### National security Network security Cyber security

USS Cole





#### **US Army FM 3-38**

"project power" "physical damage" "assure access" "decision making" "land objectives" "cyber persona" "law of war"

#### Israel: cyber

"relentless""at all fronts""enemy projects""public opinion""war and peace"



#### Russia

rs, int, ee, ge, lt, kg, ua Domestic opponents U.S. election '16 NSA



#### "clear challenge"

"harmful as conventional" "core task"

"domain of operations"

### Strategic Analysis

Position Perspective Patterns Plans Ploys

#### **Advanced Persistent Bureaucracy**

WAR IS PEACE

FREEDOM IS SLAVERY

Personnel Training Mission Benefits Teamwork Horizon

## Crowdsourcing

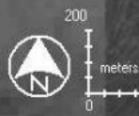
www = best defense Distributed analysis Curiosity Puzzle solving Teamwork





Belarus USA Germany Hungary Finland ?

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Collaboration

## Colleagues Comrades Friends

Informācijas tehnoloģiju drošības incidentu novēršanas institūcija



Canada Greenland GIUK Poland Romania Undersea Space



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