## Cybercrime Science (CCS)

### Rolf van Wegberg



# Cybercrime from socio-technical perspective - "Crime from the keyboard"?





### Or just "Plug and Prey"?

NEWS

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# Cybercrime-as-a-Service Offerings Include DDoS Attacks Starting at \$10, Report Reveals

By Shane Schick



Would-be cybercriminals only need \$10 to send distributed denial-of-service (DDoS) attacks that could cripple an organization, according to a recent research report.

Security firm Armor provided an indepth examination of the emerging cybercrime-as-a-service sector in "The Black Market Report: A Look Inside the Dark Web." Instead of trying to steal data or cause damage for their own purposes, the report found, some threat actors are









### Cybercrime Science (CCS)

- Aim: Combine criminology/psychology and computer/data science in studying cybercrime
- Contents of the course:
  - Introduction to criminology and psychology
  - Socio-technical research skills
  - Studying cybercrime from a socio-technical perspective
- Examination:
  - Research paper
  - Presentation
- Period: Q3 & Q4



### Your typical research paper

#### Asking the Mafia how they bank

Factors influencing the use of a cryptocurrency for the online purchasing of illicit goods

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#### Online social sports networks as crime facilitators

Bas Stottelaar, Jeroen Senden & Lorena Montoya ™

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