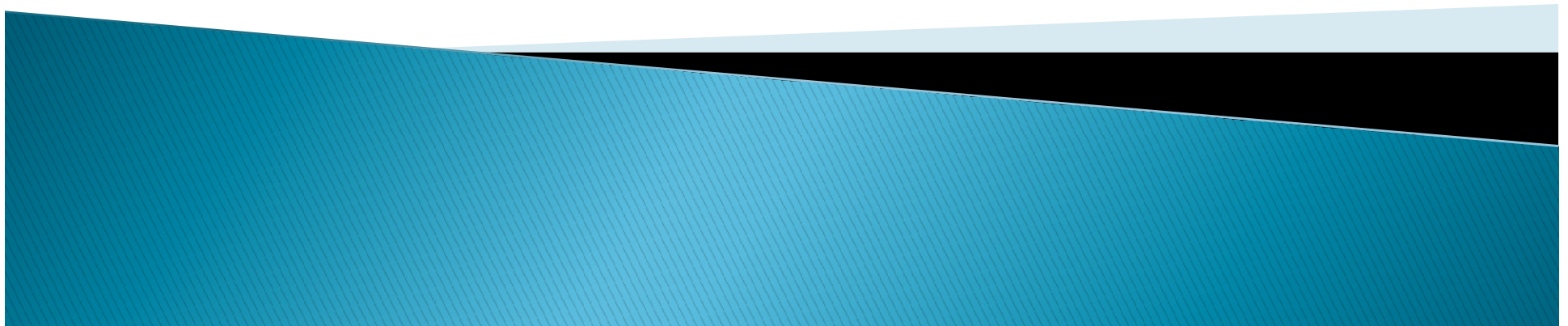


Seminar 6 preparation: Case Reports

Michael Geiger

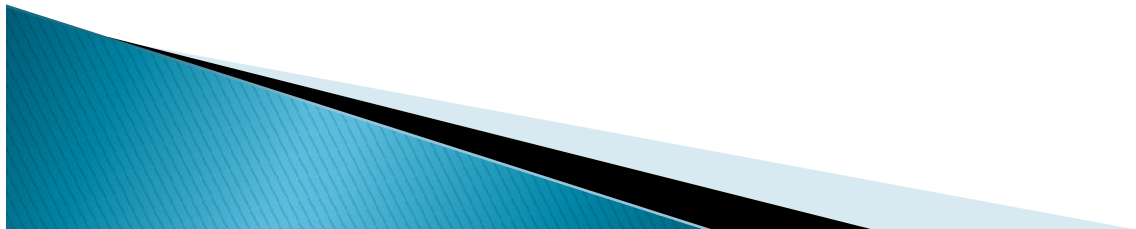


Case study: 'Teenage girl is first to be jailed for bullying on Facebook'(Garter, 2009)

- When: 12 July 2009
- Where: Malvern, Worcestershire, UK
- Who:
 - Offender Keeley Houghton (18)
 - Victim Emily Moore (18)
- What: Pleaded guilty to harassment because of cyber bullying
- Why:
 - Offender: Drunkenness
 - Longer conflict starting in 2005
- How: Over the social media platform Facebook

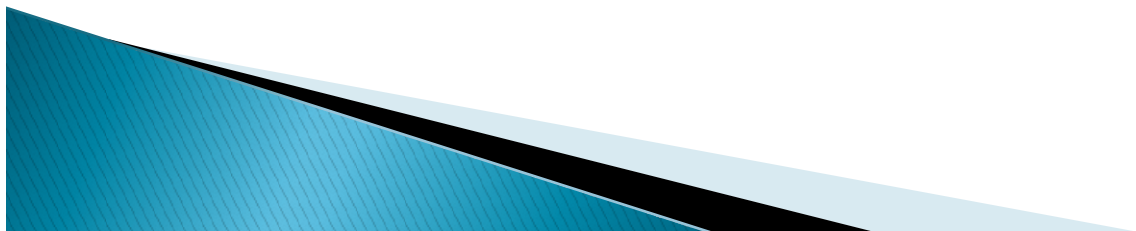
Effectiveness:

- The measure can be classified as effective because the criminals were confronted with their actions and punished.



Case study: Violation in territorial sovereignty – Stuxnet

- How: Stuxnet is a malicious computer worm developed to monitor and control a Siemens frequency converter system (Fallier et al., 2010).
- When:
 - First discovered 2010 (Iran)
 - Discovered in German nuclear power plant 2014
- Where: Worldwide (Iran, Europe, China)
- What: Espionage and sabotage of frequency converter in (nuclear) power plants
- Why:
 - Iran: Sabotage uranium enrichment plants (Heise, 2010)
 - Other countries: Espionage (University of Hawai'i, N.D.)
- Influencing critical Infrastructure is a clear violation of national sovereignty



References:

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- Fallier, N., Murchu, L. & Chien, E. (2010) Stuxnet Dossier. *Symantec*. Available from: https://www.wired.com/images_blogs/threatlevel/2010/11/w32_stuxnet_dossier.pdf [Accessed 07 October 2022].
- Heise (2010) Iran bestätigt Cyber-Angriff durch Stuxnet. Available from: <https://www.heise.de/security/meldung/Iran-bestaetigt-Cyber-Angriff-durch-Stuxnet-Update-1096365.html> [Accessed 07 October 2022].
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