

Centre for International Studies

**School of Law and Government
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Terrorism and the Internet

Increased online presence of jihadists

Possibility of individuals being radicalised via the Internet?

Violent radicalisation

A process where individuals come to view violence as a legitimate method of solving social and political conflicts

Online materials and activity have played a part

For example, Cairo and London bombings

Sargodha 5?

Jihad Jane?

Our Previous Studies

Identified a YouTube group with a ‘mission to convert infidels’ (Conway and McInerney, 2008)

Explored the feasibility of combining Network Analysis and Sentiment Analysis to explore the potential for online radicalisation (Bermingham, Conway, McInerney, O’Hare, Smeaton, 2009)

Ongoing Studies

**Focus on the potential for radicalisation-in-process →
Global social networking platform → YouTube**

**Unearth content and interaction aimed at
radicalisation of those with little or no apparent
prior interest in violent jihadism**

**Evidence the diffusion and adoption of radical
sentiment as a function of online interactivity
patterns**

Ethno-nationalist groups, e.g, N. Ireland dissidents

Terrorism and the Internet

Tools

- Network Analysis (SNA and DNA)
- Sentiment Analysis
- Link Analysis
- Text Analysis
- Audio Analysis
- Video Analysis

Examples

- Searching video based on speech from audio track
- Visual characteristics of video
- Post-produced vs raw content, video quality estimation
- Copy detection
- Visual concept detection, e.g. person, car, building
- Face detection

Future Directions

Development of an archive of violent radical Internet content

Packaging of various tools to provide law enforcement with advanced video, audio and text analysis capabilities

Development of curriculum for training law enforcer

Development of a research network

Terrorism and New Media: Building a Research Network

Terrorism and New Media: Building a Research Network

Dublin City University

Wednesday 8 to Thursday 9 September, 2010



<http://www.dcu.ie/~cis/TNM/index.html>