



ECIW 2008



University of Plymouth

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***Keynote Presentation:* Botnets, the evolving threat**

Botnets are a major evolving threat on the Internet and are continually being developed in order to avoid detection. What also is apparent is their increased use by organised criminals who have realised the true financial potential of Botnets and who utilise them in evermore-nefarious ways. This presentation will examine what Botnets are, what they are realistically capable of, what they have done and how they are currently being used. The development and evolution of Botnets will be examined and the global impact realised.

Using case studies, the speaker will demonstrate both the global nature and power of Botnets that makes them the Internet weapon of choice. The presentation will highlight the necessity for collaborative law enforcement, academic and IT industry response.

Bob Burls

Bob is a Detective Constable on the Metropolitan Police Computer Crime Unit and a Post Graduate Research Student at the Defence College of Management and Technology at Cranfield University.

Bob has spent the majority of his 21-year police career serving on specialist crime units, including the UK National Crime Squad, involved in the investigation of serious and organised national and international crime. Between 2001 and 2004 Bob was seconded to the National Hi-Tech Crime Unit as a Network Investigator.

In February 2004, Bob returned to the Metropolitan Police and took up his current role on the Computer Crime Unit. The remit of the Unit is to investigate computer crime in London and cases of national impact, which include denial of service attacks, virus authoring and commercial computer malicious hacking offences.

Bob is recognised by the Metropolitan Police as a computer forensic examiner. As well as being an experienced Detective, Bob holds a Masters Degree in IT Security. He regularly delivers presentations and training to both domestic and overseas law enforcement as well as the IT industry.

Bob is one of the few UK investigators actively investigating Botnets. At Cranfield University Bob is undertaking research into Botnet malware.