

BCS SGAI Colloquium/Symposium on Intelligence in Security and Forensic Computing

Venue: Merchiston Conference Suite
Date: Monday, 3 April 2006
Organisers: Prof Bill Buchanan (w.buchanan@napier.ac.uk)
Abiola Abimbola (a.abimbola@napier.ac.uk)
Web: <http://www.dcs.napier.ac.uk/~bill/sgai.html>

Introduction

The Centre for Mobile Computing and Security in the School of Computing at Napier University, Edinburgh is organizing the BCS SGAI Symposium/Colloquium on Intelligence in Security and Forensic Computing on Monday, 3 April 2006.

Objective

The Symposium aims to present current and future practices in the application of intelligent methods in security and forensic computing. There are a number of invited speakers on key topics which relate to security and forensic computing. The current list of invited speakers includes:

- Keith Foggon, DNS Ltd.
- Dr Steven Furnell, University of Plymouth.
- James Twycross, University of Nottingham.
- Dr Geraint Price, Royal Holloway University.
- Dr Robert Askwith, Liverpool John Moores University.
- David Llamas, University of St Andrews.
- Matthew Pemble, Manager, Investigation & Threat Management Group Information Security, Royal Bank of Scotland Group.
- John Howie, Microsoft.

Location

The Merchiston Campus is fairly easy to find, and there is some basic route information at: <http://www.napier.ac.uk/campusmaps/merch003.asp>

For the Merchiston Conference Suite: On arriving at the campus, take the first left at the Reception, follow the corridor, and take the first on the right, and continue to the end of the corridor. The Conference Suite is at the end of this corridor (Figure 1).

Session details

Session 1

- 9:30 **Keith Foggon, DNS Ltd.**
Title: Digital Forensic Tools with Case Studies
- 10:00 **Dr Steve Furnell, University of Plymouth**
Title: Continuous User Identify Verification using Keystroke Analysis
- 10:30 **Lionel Saliou**
Title: Intelligent Firewall Modelling
- 10:40 Coffee break

Session 2

- 10:50 **Jamie Tywcross, University of Nottingham.**
Title: Implementing and Testing a Biologically-Inspired Security System.
- 11:20 **Jamie Graves**
Title: Building a Digital Forensics Workforce
- 11:30 **Dr Geraint Price, Royal Holloway University of London.**
Title: Security Without Authentication?
- 12:00 **Abiola Abimbola**
Title: Monitoring a Target Host's Application via System Calls
- 12:15 Lunch break

Session 3

- 13:00 **Dr Robert Askwith, Liverpool John Moores University.**
Title: Network Security: Making the Network Intelligent
- 13:30 **Ken Hutcheon**
Title: Security Concerns
- 13:40 **David Llamas, University of St Andrews**
Title: Network Forensics and Covert Channels Analysis in Internet Protocols
- 14:10 **Zbigniew Kwecka**
Title: Application Layer Covert Channels
- 14:20 Coffee break

Session 4

- 14:30 **Solomon Uwagbole**
Title: Intelligent Security
- 14:40 **Matthew Pemble, Investigation & Threat Management Group
Information Security Royal Bank of Scotland Group**
Title: The Essential conflict between 'Computer' and 'Forensics'
- 15:10 **John Howie, Director of the World Wide Services and IT
Technical Community for Security at Microsoft.**
Title: Forensics Challenge: Windows Encrypted Content
- 15:40 Close

Maps

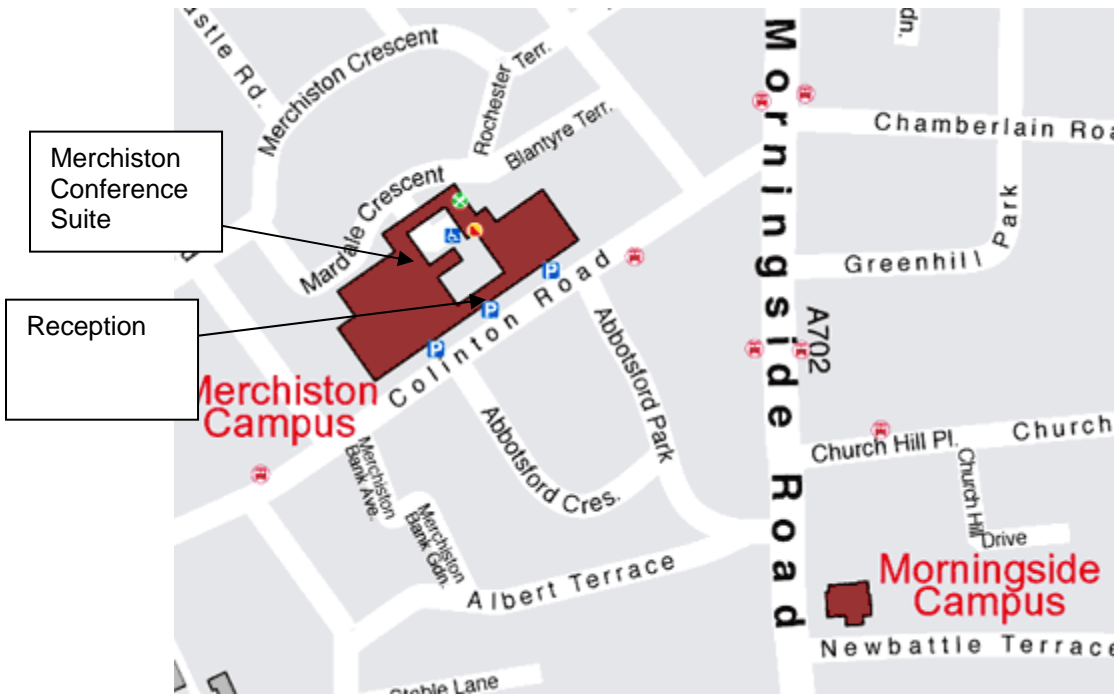


Figure 1: Campus Map

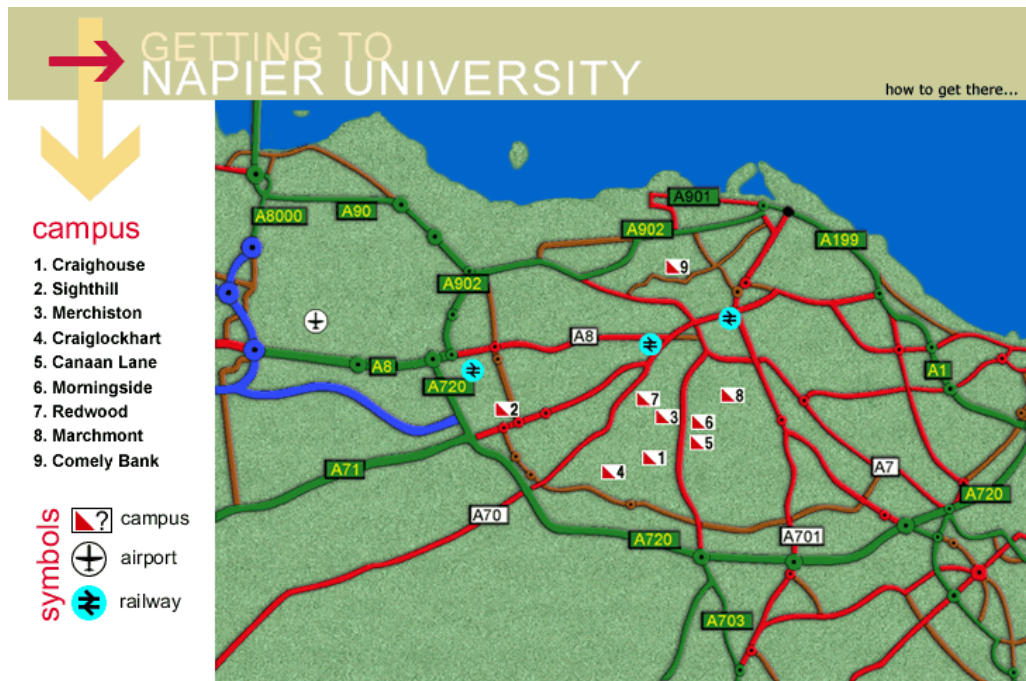


Figure 2: Overview Map