

1st Conference on Advances in Computer Security and Forensics

Preliminary Programme

Wednesday 12th July, 2006

Informal Welcome - Liverpool History Tour.

Meeting at Dr Duncan's Pub at 7pm; tour departs 7.30pm.

[Address: St Johns Lane, Queens Square, Liverpool, Merseyside, L1 1HF.

The pub is located very close to Lime Street Station. St Johns Lane runs along the side of St George's Hall.]

Day 1 - 13 th July, 2006					
0900 - 1000	Registration				
1000 - 1030	Coffee				
1030 - 1130	<p style="text-align: center;">Welcome and Invited Speaker – Dr Michael Huth, Imperial College London</p> <p style="text-align: center;">Secure information flow: opportunities and challenges for security & forensics</p> <p><i>Abstract: Today's information technology increasingly requires that information flows between agents according to specified security policies. In this talk we present some of the more popular policies and their compliance checks. We then use these examples to formulate some opportunities and challenges for knowledge & technology transfer from research findings in secure information flow to practical work in computer security & forensics.</i></p>				
1130 - 1245	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #ffcc99; text-align: center;">Academic Track, Session 1 Forensic Computing - Hard Drive Analysis</td> <td style="background-color: #ffcc99; text-align: center;">Practitioner Track, Session 1</td> </tr> <tr> <td style="background-color: #ffcc99;"> <p>Forensic Signature Analysis of Digital Image Files <i>John Haggerty, Tom Berry & Dave Gresty</i></p> <p>Oscar – File Type and Camera Identification Using the Structure of Binary Data Fragments <i>Martin Karresand & Nahid Shahmehri</i></p> <p>A PDA Based Live Forensic Tool <i>Christopher Hargreaves, Howard Chivers & Iain Sutherland</i></p> </td> <td style="background-color: #ffcc99;"> <p style="text-align: center;">Digital Evidence <i>Sam Patel, AFENTIS</i></p> </td> </tr> </table>	Academic Track, Session 1 Forensic Computing - Hard Drive Analysis	Practitioner Track, Session 1	<p>Forensic Signature Analysis of Digital Image Files <i>John Haggerty, Tom Berry & Dave Gresty</i></p> <p>Oscar – File Type and Camera Identification Using the Structure of Binary Data Fragments <i>Martin Karresand & Nahid Shahmehri</i></p> <p>A PDA Based Live Forensic Tool <i>Christopher Hargreaves, Howard Chivers & Iain Sutherland</i></p>	<p style="text-align: center;">Digital Evidence <i>Sam Patel, AFENTIS</i></p>
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	<p>Developing Computer Forensics Programmes: An International Perspective <i>Christopher Laing, Maximillian Dornseif, Alastair Irons, Felix Freiling, Philip Anderson, Thorsten Holz & Martin Mink</i></p> <p>A STOPE Approach for the Evaluation of Compliance of Organizations with ISO 17799-2005 <i>Mohammed Saleh, John Mellor, Andrea Cullen & Saad Bakry</i></p>
Evening	Conference Dinner

Day 2 - 14 th July, 2006		
0930 - 1045	Academic Track, Session 4 Computer Security – Mitigating Threats	Practitioner Track, Session 4
	<p>Biometric Fingerprint Replaces PIN Code on Point of Sale Machines in the Kingdom of Bahrain <i>Yousif Janahi, Andrea Cullen & John Mellor</i></p> <p>Self Embedding Watermarking Technique for Digital Colored Images <i>Abdallah Al-Nu'aimi & Rami Qahwaji</i></p> <p>Data Security Threats and SMEs <i>Tony Proctor</i></p>	<p>Forensics in the Organisation <i>Jim Griffiths,</i> <i>Selex Communications</i></p>
1045 - 1100	Coffee	
1100 - 1215	Academic Track, Session 5 Forensic Computing – Evidence Collection	Practitioner Track, Session 5
	<p>From Quantum Security to Quantum Forensics <i>Anastasia Konstadopoulou</i></p> <p>Machine Learning for Post-Event Timeline Reconstruction <i>Muhammad Khan & Ian Wakeman</i></p> <p>The Use of Internet Databases in Analysis and Evidence Collection <i>Amarkumar Desai & Brian Tompsett</i></p>	<p>Future Security Challenges: the Industrial Perspective <i>Adrian Waller,</i> <i>Thales UK</i></p>
1215 - 1315	Lunch	
1315 - 1430	Academic Track, Session 6 Computer Security – Network Security	Practitioner Track, Session 6
	<p>A Model for Detecting Denial of Service Attacks <i>Nimal Nissanke & Jun Sun</i></p> <p>Detecting Selfish Nodes in Wireless Mobile Ad-Hoc Networks <i>Tarag Fahad, Bob Askwith, Michael Howarth & George Pavlou</i></p> <p>Investigate the Performance of Signaling Traffic and Load Transaction Messages Between Mobile Entities <i>Ja'afar AL-Saraireh, Mohammed AL Nabhan & Sufian Yousef</i></p>	<p>North West WARP <i>Bob Askwith,</i> <i>Liverpool John Moores University</i></p>
1430 - 1445	Coffee	
1445 - 1545	<p>Panel Discussion <i>Computer Security and Forensics researchers and practitioners: how can we work more closely?</i></p>	
1545 - 1600	Closing Remarks	