

**The 2010 Digital Forensics International Conference  
“Digital Forensic Cases, Tools & Techniques”**

**AUT University  
September 6 & 7  
Program**

**Day 1 – Monday**

<b>Time</b>	<b>Event</b>	
08:00 – 08:45	Registration	Level 6, Faculty of Business & Law Building, Cnr Wakefield & Mayoral Drive.
09:00 – 10:30	<b>Welcome &amp; Keynote</b> “International Digital Crime”	Bill Crane, <i>Manager Digital Forensic Operations, NZ Police, Wellington</i>
<i>10:30 – 10:45 Morning Tea</i>		
Stream 1: Mobile Devices	Stream 2: Employer Risk	Stream 3: Tools
1. “GPS Digital Forensic Extraction and Analysis Techniques”. <i>Mark Simms, AUT Digital Forensic Research Labs</i>  2. “Access Data”, James Calder Australia.  Chair Review	1. “Application of Electronic Evidence in Employment Matters” Andrew Schirnack. <i>LangtonHudsonButcher</i>  2. “Use of electronic evidence to support digital forensic accounting investigation” Jason Weir. <i>Deloitte</i>  Chair Review	1. “CCTV Tools & Techniques” <i>Rod McCourt, Global Intelligence Solutions</i>  2. . “FAT Files Extraction Improved Tools” <i>Jeff Hamn, Paradigm Solutions, USA</i>  Chair Review
<i>Lunch 12:30 – 2.30pm</i>		
<b>Keynote 2.30-3.30pm</b> Hardening the Business Information System with Forensic Readiness <i>Craig Valli, Professor Business Security and Forensics, ECU, Australia</i>		
<i>Afternoon Tea 3.30pm – 3:45pm</i>		
Stream 1: Network Forensics	Stream 2: Professional Practice	Stream 3: Tools
1. “Locating Evidence in Wireless Networks.” <i>Tom Laurenson, AUT Digital Forensic Research Labs</i>  2. “Using Distributed DNA to improve password cracking rates” <i>Vishal, AUT Digital Forensic Research Labs</i>  3. “Evidence Extraction in the iPhone Environment”. <i>Ben Knight, AUT Digital Forensic Research Labs</i> Chair Review	1. “Transferring Digital Evidence across Borders: Problems and Issues” <i>Mike Spence. deCyper Ltd.</i>  2. “Remediation’s through electronic evidence” <i>Anthony Drake. KensingtonSwan</i>  Chair Review	1. “Digital Forensic Tools Update” <i>David Lewis Fulcrum Management, Australia (1 hr)</i>  2. “Using Compression to Reduce Processing Time”, <i>Jon Pearce AUT Digital Forensic Research Labs</i>  3. “Instant Messenger Extraction Tools” <i>Alex Barnett, Perdue University, USA</i>  Chair Review

Close 5.45pm		
<i>Drinks &amp; Lite Dinner 5.45pm - 8pm Balcony Lounge 8<sup>th</sup> Floor</i>		
<b>Day 2 - Tuesday</b>		
08:00 – 08:45	Registration	Level 6, Faculty of Business Building, Cnr Wakefield & Mayoral Drive.
09:00 – 10:30	<b>Keynote</b> Advances in e-Mail investigations	Peter Mercer. Vound Software, USA
<i>10:30 – 10:45 Morning Tea</i>		
Stream 1: Forensics Challenges	Stream 2: Management Issues	Stream 3: Techniques
1. “Catching Fish Fraudsters with Forensics” Mike Smith, <i>Ministry of Fisheries</i>  2. : “ISO/IEC Standardisation Developments for Digital Forensics”, <i>Brian Cusack, AUT Digital Forensic Research Labs</i>  Chair Review	1. “Electronic Document Discovery” <i>Andrew King, BellGully</i>  2. “Issues in Live response”, John Peacock & Peter Priest, Department of Internal Affairs  Chair Review	1. “Evidential Preservation”, <i>Alex Barnett, Purdue University, USA</i>  2. “Visual Intelligence Tools for Data Mining”, Dave Ashton, <i>VisualAnalysis Ltd.</i>  Chair Review
<i>Lunch 12:30 – 1.30pm</i>		
<b>Workshops 1.30 – 4.30pm</b>		
<b>A</b>	<b>B</b>	<b>C</b>
<b>New Technologies for Email Forensics</b>  <i>Peter Mercer Vound Software, USA</i>  Email investigations are increasing in importance and becoming more time consuming. This session will highlight common issues that can speed up email review and lessen the workload of forensic investigators. You will be shown how to understand and take advantage of email metadata, content and attachments to understand and find evidence.	<b>Digital Forensics for the legal Professional</b>  <i>Mike Spence, deCipher Ltd</i>  A (non-jargon) explanation of Digital Forensics. An Outline of the process, expert witness testimony. Factors to consider when choosing you Digital forensics expert.	<b>Evidential data recovery - locating critical documents and other files.</b>  Campbell McKenzie, Director PwC NZ  An overview of forensic procedures relating to data recovery, including the collection, examination and reporting of electronic evidence - using tools such as EnCase, FTK, Nuix and Paraben
Closing Review & Remarks Professor Lech Janczewski, University of Auckland (4:30 – 5pm)		