

Hosted by the South African Council for Scientific and Industrial Research (CSIR)
At Breakwater Lodge, Cape Town, South Africa
26-27 March 2009

Conference Chair: Johannes Vorster, Council for Scientific & Industrial Research, Pretoria, South Africa
Programme Chair: Leigh Armistead, Edith Cowan University, Australia

CALL FOR PAPERS, WORKSHOPS AND TUTORIALS

Information warfare and computer security are at the forefront of modern defence Cyber Strategies. Strong strands of research and interest are developing in the area, including the understanding of threats and risks to information systems, the development of a strong security culture, as well as incident detection and post incident investigation in addition to the offensive areas associated with information operations such as perception management and strategic communications. The International Conference on Information Warfare and Security (ICIW) offers an opportunity for academics, practitioners and consultants from the US, North America and elsewhere who are involved in the study, management, development and implementation of systems and concepts related to information warfare or are interested in ways to improve information systems security, to come together and exchange ideas. This conference is continuing to establish itself as a key event for individuals working in the field from around the world.

The advisory group for the conference invites submissions of papers on both the theory and practice of all aspects of Information Warfare and Security. The conference in March 2009 is seeking qualitative, experience-based and quantitative papers as well as case studies and reports of work in progress from academics, information systems practitioners, consultants and government departments.

Topics may include, but are not limited to, Adversarial Learning and planning; Anonymous Routing; Anti-Forensics; Biometrics; Botnets; Business Continuity Planning; Coordination Theory; Corporate Defence Mechanisms; Cryptography; Cyber-Terrorism; Damage Assessment; Deception, Reactive and Proactive; Denial of Service; Differential Power Analysis (DPA) Attacks; Disaster Recovery; e-Intelligence/Counter-Intelligence; Electro-magnetic pulse weapons; Ethical, Political and Social Issues relating to Information Warfare; Geospatial Security; Hacking; Homeland Security; Honeynet countermeasures; Information Assurance; Information Operations; Information warfare and Security Education; Information Warfare policy; Strategic Communications; Perception Management; Information Warfare techniques; Information Warfare theory; Information, computer and network security; Infra-Structure warfare; Critical Infrastructure Protection; Intrusion Detection; Insider Threat; ISO27001 ISM3 Security Management Maturity; Legal issues concerned with information warfare and e-Crime; Malware; National security policy; OODA Loop; Petri Nets; Perception management; Physical security; Proliferation Security Initiative (PSI); Risk analysis and assessment; Security Education; Security for small to medium enterprises; Security Policy; Vulnerability Assessments.

Abstract details: The Abstract should be a minimum of 300 and no more than 500 words including up to five keywords and keyphrases to be received by **4 September 2008**.

Submission: Via the online submission form. Please ensure that you complete all relevant sections of the form, including the conference track the abstract is intended for, the proposed title for the paper, the full names (first name and surname, not initials) and email addresses of all authors and a postal address and telephone number for at least one contact author. Please indicate clearly if the contact author is not the lead author.

Full paper: Only required when the abstract has been selected and not to be more than 5,000 words including abstract, keywords and references (the Harvard referencing rules need to be followed). Submission date will be no later than **23 October 2008**. Papers should be submitted as .doc or .rtf file attachments by email to the conference manager, Elaine Hayne Elaine.hayne@academic-conferences.org

Important information:

The selection panel of the conference committee will consider all abstracts received by the submission deadline to ensure that the proposed paper follows the themes of the Conference. The authors of abstracts that describe a relevant paper will receive a notification of abstract selection. All full papers will be double-blind reviewed by a member of the conference committee to ensure an adequate standard, that the proposed subject of their abstract has been followed, that the paper is of a suitable length, the standard of English is adequate and the

paper is appropriately referenced. Papers that are accepted will be published in the conference proceedings providing at least one author registers and presents the work at the Conference (see the registration section of the conference website for more information about registration). Due to the large number of papers expected for this conference, the committee only allows an author to present one paper. Therefore if multiple papers are accepted for presentation different co-authors need to present each paper.

Important Dates

Abstract submission deadline:	4 September 2008
Notification of abstract acceptance:	11 September 2008
Full paper due for review:	23 October 2008
Notification of paper acceptance(with any requested changes):	4 January 2009
Earlybird registration closes	18 January 2009
Final paper due:	29 January 2009
Final author registration date	19 February 2009

Conference Executive:

[Edwin Leigh Armistead](#), Edith Cowan University, Australia
[Andy Jones](#), Security Research Centre, BT, UK and Edith Cowan University, Australia
[William Mahoney](#), University of Nebraska Omaha, Omaha, USA
[Dan Kuehl](#), National Defense University, Washington DC, UK,
[Corey Schou](#), Idaho State University, USA

Committee Members:

The conference programme committee consists of key people in the information systems, information warfare and information security communities around the world. The following people have confirmed their participation:

Gail-Joon Ahn (University of North Carolina at Charlotte); Jim Alves-Voss (University of Idaho, USA); Leigh Armistead (Edith Cowan University, Australia); Johnnes Arreymbi (University of East London, UK); [Richard Baskerville](#) (Georgia State University, USA); Alan Berg (Critical Infrastructure and Cyber Protection Center, Capitol College, USA); Elisa Bertino (CERIAS, Purdue University, USA); Alexander Bligh (College of Judea and Samaria, Israel); [Sviatoslav Braynov](#) (University of Illinois, USA); Blaine Burnham (University of Nebraska, Omaha, USA); Roy Campbell (University of Illinois at Urbana and Champaign, USA); Catharina Candolin (Finnish Defence Forces, Helsinki, Finland); Rodney Clare (EDS and the Open University, UK); Nathan Clarke (University of Plymouth, UK); Geoffrey Darnton, (University of Bournemouth, UK); [Dipankar Dasgupta](#) (University of Memphis, USA); Dorothy Denning (Navel Postgraduate School, USA); Glenn Dietrich (University of Texas, USA); David Fahrenkrug (US Air Force, USA); Larry Florentine (Larry Florentine Associates, USA); [Xinwen Fu](#) (Dakota State University, USA); Kevin Gleason (KMG Consulting, MA, USA); [Sanjay Goel](#) (University at Albany, USA); Michael Grimaila (Air force Institute of Technology, Ohio, USA); Daniel Grosu (Wayne State University, USA); [Drew Hamilton](#) (Auburn University, USA); Dwight Haworth (University of Nebraska at Omaha, USA); Philip Hippensteel (Penn State University, USA); Bill Hutchinson (Edith Cowan University, Australia); Berg P Hyacinthe (Florida State University, USA); Cynthia Irvine (Naval Postgraduate School, USA); Andy Jones (British Telecom, UK); James Joshi (University of Pittsburgh, USA); Leonard Kabeya Mukeba (Kigali Institute of Science and Technology, Rwanda); Prashant Krishnamurthy (University of Pittsburgh, USA); Dan Kuehl (National Defense Forces, USA); Stuart Kurkowski (Airforce Institute of Technology, USA); Takakazu Kurokawa (National Defense Academy, Japan); Tuija Kuusisto (National Defence College, Finland); Irving Lachow (National Defense University, USA); Arun Lakhota (University of Louisiana Lafayette, USA); Michael Lavine (John Hopkins University, USA); Tara Leweling (Naval Postgraduate School, USA); Cherie Long (Clayton State University, Decatur, USA); Brian Lopez (Lawrence Livermore National Laboratory); Bin Lu (West Chester University, USA); Bill Mahoney (University of Nebraska, USA); John McCarthy (Buckinghamshire and Chiltern University College, UK); J Todd McDonald (Airforce Institute of Technology, USA); Anne McGee (Industrial College of the Armed Forces, USA); Robert Mills (Air Force Institute of Technology, Ohio, USA); Don Milne (Buckinghamshire and Chiltern University College, UK); Evangelos Moustakas (Middlesex University, UK); Srinivas Mukkamala (New Mexico Tech, Socorro, USA); Barry Mullins (Air Force Institute of Technology, Wright-Patterson, USA); Andrea Perego (Università degli Studi dell'Insubria, Italy); Richard Raines (Airforce Institute of Technology, USA); Ken Revett (University of Westminster, UK); Neil Rowe (US Naval Postgraduate School, USA); Julie Ryan (George Washington University, USA); Corey Schou (Idaho State University, USA); Simon Shadbolt (EDS, UK); Dan Shoemaker (Univesity of Detroit Mercy, USA); William Soutan (University of Nebraska, Omaha, USA); Ingrid Spletstoesser (York University, North York, Canada); [Kevin Streff](#) (Dakota State University, USA); Steve Tate (University of North Carolina at Greensboro, USA); [Doug Twitchell](#) (Illinois State University, USA); Renier van Heerden (CSIR, Pretoria, South Africa); Stylianos Vidalis (Newport Business School, UK); Fahad Waseem (Unviersity of Northumbria, UK); Kenneth Webb, Edith Cowan University, Australia); Douglas Webster (USSTRATCOM Global Innovation & Strategy Center, USA); [Tom Wilsdon](#) (University of South Australia, Australia); Takahiro Yonekawa (HUB Networks, Inc., Tokyo, Japan); Zehai Zhou (Dakota State University, USA).

This call for papers and further information about the conference can be found at:

<http://academic-conferences.org/iciw/iciw2009/iciw09-call-papers.htm>