

17th EICAR Annual Conference

“IT Security is facing a paradigm shift – New threats and more subtle methods of attack require different approaches and solutions”

Call for Papers

Dates to Remember	
Submission deadlines:	
Peer reviewed papers due	20 January 2008
Other papers (non reviewed)	20 December 2007
Acceptance notification to authors:	
Peer reviewed papers	20 February 2008
Other papers (non reviewed)	10 January 2008
Final papers due	23 March 2008

The 17th Annual EICAR Conference to be held from **6 May to 8 May 2008** in Laval, France brings together experts from industry, government, military, law enforcement, academia, research and end-users to examine and discuss new research and development in anti-virus, malware, e-security, e-forensics and Information and Communications Technology (ICT) Management.

The main theme EICAR 2008 conference will be devoted to *Malware and Virtualization*. The new malware threats which have recently emerged with virtualization (e.g. SubVirt and BluePill malware) represent a huge and complex challenge to current detection capabilities. With virtualization, malware detection is bound to undergo a major revolution. The aim of EICAR 2008 conference is to gather computer virology experts (researchers, AV industry people...) to think about the best technical or non-technical solution in order to fight against virtualization-based malware.

This call for papers invites the submission of full papers and abstracts on one or more topics that may include but are not restricted to:

- Virtualisation and its Risks
- Malware and Virtualisation
- Malicious code and its side effects
- Viruses and worms
- Vulnerabilities and Software Bugs
- Spam and Phishing
- Spyware
- e-Crime and e-Forensics
- Information Assurance
- Ethical and Moral Aspects of Malware Writing
- Identity Management
- ICT Security and Policy Management
- Intrusion Detection and Prevention
- Human aspects of INFOSEC
- Awareness and Education
- Cryptography and Steganography
- Legal, Privacy and Social Issues of ICT Security
- IT Governance and Compliance
- Cyber Terrorism

The conference committee is seeking submissions of papers for oral presentation at the conference in two major categories:

- **Peer reviewed papers** – these papers will be selected on basis of blind peer review by members of the program committee and other independent reviewers (where necessary). Case studies, research in progress and full research papers will be considered for the inclusion in the conference program. There is no definitive word limit for the submissions; however, it is anticipated that submissions will be between 3500 and 5500 words. The program committee will not accept research proposals for submission to the conference.
- **Other papers** – these papers will not be peer reviewed, however due to the considerable interest in the conference in the previous years, these papers will also be selected by the program committee. This category covers corporate papers, best practices, new technologies, policy issues etc and the conference committee are eager to obtain submissions from industry, government and other sectors for this category. **However, marketing papers will not be accepted for the conference.**

The conference committee can accept only limited number of papers in each category and the acceptance ratio in the past few years was about 30-40% of submitted papers only. All accepted papers will be published in electronic form on the Conference CD-ROM **and peer reviewed papers only will be published in the printed version of the EICAR Conference Proceedings (book with ISBN)**. The best papers will be published in a special issue of the *Journal in Computer Virology*, a research journal published by Springer Verlag.

Deadlines and forms of submission:

- Authors wishing to submit papers for peer review category and acceptance for the conference should submit full papers by no later than **20 January 2008**. These papers will be blind peer reviewed by at least two reviewers. Authors of accepted papers will be notified by **20 February 2008**.
- Authors wishing to submit other papers should submit a 300-word abstract by no later than **20 December 2007** for selection by the program committee. Authors of selected papers will be notified by **10 January 2008**.

All submissions will be handled electronically and the review/acceptance process will be conducted anonymously by the conference committee:

- Academic papers should be submitted via on-line submission and review system available at <http://conference.eicar.org/> in portable document format (PDF), rich text format (RTF) or Microsoft Word 97 or newer format (DOC). All information enabling the identification of authors must be removed from the submissions.
- Non-academic abstracts should be submitted as plain text via the web-based form that will be available on <http://conference.eicar.org/>.

Final camera ready papers (**accepted in RTF, DOC and PDF format**) in both paper categories must be submitted by **23 March 2008**. The EICAR conference uses simplified APA5 format for papers published in the proceedings (description, MS-Word (.DOT) and RTF templates are available at <http://conference.eicar.org/>).

Conference Fee Waiver

The conference fee will be waived for one presenter for each accepted paper.

EICAR Students Fund

Limited conference attendance incentives (e.g. subsidised rate for accommodation at the conference venue) may be offered from the newly founded EICAR Students Fund for student papers. Eligibility for funds is subject to EICAR Board resolution upon recommendation from the Program Chair based on individual written request.

Conference Program Committee

The following list of distinguished researchers and/or practitioners (listed alphabetically) have confirmed their membership of the conference program committee to date:

Assist. Professor John Aycock	Department of Computer Science, University of Calgary, Canada
David Bénichou	Department of Justice, France
Vlasti Broucek (Program Co-chair)	School of Information Systems, University of Tasmania, Australia
Dr Hervé Debar	France Télécom Research and Development, France
Professor Eric Filiol (Program Chair)	Laboratoire de Virology et de cryptologie, Ecole Supérieure et d'Application des Transmissions, Rennes, France
Professor Richard Ford	Florida Institute of Technology, USA
Sandra Frings	Institute Arbeitswirtschaft und Organisation, Stuttgart, Germany
Dr Steven Furnell	University of Plymouth, UK
Dr Urs E Gattiker	CyTRAP Labs, Switzerland
Dr Sarah Gordon	Symantec, USA
Assoc. Professor William (Bill) Hafner	Nova Southeastern University, USA
Assist. Professor Marko Helenius	University of Tampere, Finland
Dr Andy Jones	BT, UK
Cédric Lauradoux	Princeton University, USA
Professor Yves Pouillet	Centre de Recherches Informatique et Droit (CRID), Facultés Universitaires Notre-Dame de la Paix, Namur, Belgium
Professor Gerald Quirchmayr	University of Vienna, Austria
Sebastian Rohr	University of South Australia, Australia
Assoc. Professor Paul	Germany
Christine Whalley, CISSP	School of Information Systems, University of Tasmania, Australia
Professor James Wolfe (EICAR Technical Director)	Pfizer Inc., USA
	University of Central Florida, USA