

18th EICAR Annual Conference

Call for Papers

"Computer virology challenges of the forthcoming years: from AV evaluation to new threat management"

Dates to Remember	
Submission deadlines: Peer reviewed papers due Other papers (non reviewed)	December 21st, 2008 December 14th, 2008
Acceptance notification to authors: Peer reviewed papers Other papers (non reviewed) – Initial selection Other papers (non reviewed) – Final selection	February 22nd, 2009 December 21st, 2008 January 31st, 2009
Final papers due	March 22nd, 2009

The 18th Annual EICAR Conference to be held on **May 11th and May 12th 2009, with a pre-conference program on May 9th and 10th at the Steigenberger Hotel** in Berlin, Germany.

The conference 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, Information and Communications Technology (ICT) Management and legal aspects of the information technology.

While the EICAR conference traditionally covers all aspects of malicious code and the development of "anti" measures, the conference 2008 shall also concentrate into the usability and issues related to independent testing of Anti-Virus (Malware) products.

The rapid evolution of technologies requires adaptation of human behaviour and in consequence leads to new laws and regulations of direct relevance to the user. The EICAR conference 2008 will therefore also concentrate on legal aspects and user liability.

This call for papers invites therefore the submission of full papers and abstracts on one or more topics devoted to malware and anti-malware technologies, which may include but are not restricted to:

- Malicious code and its side effects
- Viruses and worms
- Spyware and phishing
- Vulnerabilities
- Vulnerability reporting
- e-Crime and e-Forensics
- Cyber Terrorism
- Legal aspects of ICT and in particular :
 - Legal liability for security flaws in Europe.
 - Enforcement of IT-Security.
 - Differences of legal regimes and their impact on IT-security.
 - Technical versus legal governance of IT-security.

- The human factor in IT-security and its control by law.
- International security threats and national legal regimes.
- Legal, Privacy and Social Issues of ICT Security
- National-, European- and international law
- Ethical, moral and political issues on writing/developing of malicious code
- Identity Management
- ICT Security and Policy Management
- Intrusion Detection and Prevention
- Emerging technologies (WiFi, RFID, biometrics...) with respect to malware.
- User awareness and education
- Malicious cryptography and steganography

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 including theoretical 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 reviewed and selected for acceptance 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 a 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 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.

The best "Student" Paper will be awarded by the conference committee.

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 **December 21st, 2008**. These papers will be blind peer reviewed by at least two reviewers. Authors of accepted papers will be notified by **February 22nd, 2009**.

Authors wishing to submit other papers should submit at least 300-word abstract by no later than **December 14th, 2008** for selection by the program committee. A first selection process will be performed to check whether the proposed papers fit to the EICAR conference policy and topics. A pre-notification will occur no later than **December 21st, 2008**. Authors of selected papers will be notified by **January 31st, 2009**.

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://papers.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. Papers in LaTeX format are particularly welcome.
- Non-academic abstracts should be submitted as plain text via the web-based form that will be available on <http://papers.eicar.org>.

Final camera ready papers (**accepted in RTF, DOC or preferably LaTeX format**) in both paper categories must be submitted by **March 22nd, 2009**. The EICAR conference uses simplified APA5 format for papers published in the proceedings (description, MS-Word (.DOT), RTF and LaTeX templates are available at <http://papers.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.

Student tutorial Sunday

On Sunday May 10th, 2009, tutorials with technical and/or practical contents devoted to the main topic of the conference (Anti-malware evaluation) will be organized. They are primarily open to students but depending on the number of registrations, anyone can attend.

Tentative Invited Talks

Professor Fred Cohen has kindly accepted to give the opening keynote talk. His talk will be entitled "*Computer Virology: 25 years from now*".