



.ICCyber.org

International Conference on
Cyber Crime Investigation

PRELIMINARY CALL FOR PAPERS

**The Fourth International Conference on Cyber Crime Investigation (ICCyber) &
The Second International Conference on Forensic Computer Science (ICoFCS) &
The First International HTCIA Brasilia Chapter Training Conference and Exposition (IBTCE)**

September 26-28, 2007, Guarujá, São Paulo, Brazil

Visit the <http://www.ICCyber.org> website for regular updates, including the advance program, registration, and accommodations.

General Chair: Paulo Quintiliano, PhD

CONFERENCE MAJOR THEMES AND AREAS

1. Crimes in the cyber space

- Computer Crimes
- Sexual exploitation of children through the internet
- Frauds against financial institutions
- Cyber Terrorism
- Cyber Criminology
- Divulging of criminal information through the internet
- Other crimes committed in the cyber space

2. Computer Law

- Brazilian legislation for cyber crimes
- International legislation for cyber crimes
- Computer evidence and the law

3. International Police Cooperation

- Performance of the international police cooperation network
- Alternatives to improve the international police cooperation

4. Computer Forensics

- Live analysis
- Data hiding and forensic data mining, discovery, recovery and analysis
- Evidence handling, preservation, storage and analysis

- Botnets - Prevention, detection and monitoring
- Counter and Anti-forensics techniques
- Network, Wireless and Peer-to-peer forensics
- Computer Forensic tools - development, testing and evaluation
- Computer Forensics in Education
- Computer & Digital investigation
- Software Forensics & Engineering
- Secure Software Development

5. Related topics

- Cryptology
- Biometrics
- Network and Information Security
- Artificial Intelligence
- Artificial Neural Network
- Pattern Recognition
- Signal Processing
- Prevention and Detection of Intrusion
- Image Processing
- Image Analysis
- Computer Vision
- Machine Learning
- Semantic Web
- Simulation
- Management Issues

Criminalists, Forensic Scientists, Police Officers, Attorneys, Investigators, Researchers, Students and other Information Security professionals that are actively engaged in cyber crime investigations can publish and exhibit their practice and research, sharing their discoveries and experiences, keeping the community apprised of the latest techniques and discoveries in cybercrime investigation/combat.

Survey papers, new software reviews, and new book reviews are also of interest to the conference.

ABOUT ICoFCS

The International Conference on Forensic Computer Science (ICoFCS) is an international forum inside the International Conference on Cyber-Crime Investigation (ICCyber). Law enforcers, computer forensics practitioners and scientists from around the world have on ICoFCS a forum to present their latest experience and research findings in all aspects of cyber crime investigation.

In addition to technical sessions of submitted paper presentations, ICCyber offers workshops, tutorials, and commercial presentations & exhibits. The ICCyber represent a unique international gathering of forensic computer practitioners, law enforcement and scientists from around the world. Now, more than ever, we prize this annual meeting as a testament to the strength of international cooperation in seeking to apply forensic computer science to a safer cyber space.

CALL FOR PARTICIPATION

The ICCyber will follow the three-day program format of contributed papers, invited speakers, panels, commercial participation, and training for a limited number of participants (early registration, approval and payment required).

The 2007 edition will be composed of three major tracks:

- **ICCyber 2007** – Fourth International Conference on Cyber Crime Investigation:
 - Main conference;
 - Keynote speakers;
 - Plenary sessions;
 - Informal discussions;
 - Networking opportunity;
 - Exhibit hall.
- **ICoFCS 2007** – Second International Conference on Forensic Computer Science:
 - Refereed paper presentations;
 - Poster presentations;
 - Best Paper Award.
- **IBTCE 2007** – First International HTCIA Brasilia Chapter Training Conference and Exposition:
 - Workshops;
 - Hands-on Training;
 - Vendor Exposition.

Participation in the conference could be done by means of one or several of the following activities:

- The submission of a paper - Participation of both Forensic Computer Science practitioners and researchers is strongly encouraged. Papers may be submitted on:
 - **case studies and lessons learned** drawn on professional forensic practice and consulting;
 - **research** in forensic computer science and development of emerging tools, applications and products related to cyber crime investigation;
 - **position papers** based on large and rich experience gained through executive/managerial computer forensic practices and decision-making.
- Proposals of two-to-three-hour tutorials on topics of current or emerging interest – Tutorial proposals must not exceed 3 pages. They must clearly identify the intended audience, include a brief biography of the speaker, and contain sufficient material to provide a sense of their scope and depth.
- The reviewing process

DEADLINES

July 31st, 2007: Electronic submission of full papers (2000-5000 words).
August 31st, 2007: Acceptance notifications.
September 8th, 2007: Electronic submission of camera-ready papers.

REVIEWING PROCESS

All papers must be submitted electronically as PDFs by July 31st, 2007 as instructed by the conference website: <http://www.iccyber.org/submission>

A submitted paper is initially reviewed to determine whether the topic and treatment are appropriate for the Conference. It is then evaluated by three or more independent reviewers (double-blind review), randomly selected from the Program Committee's members and from the additional reviewers.

The policy of double-blind review means that the reviewer and the author do not know the identity of each other. To ensure the integrity of the blind peer-review for submission to this Conference, every effort should be made to prevent the identities of the authors and reviewers from being known to each other. This involves the authors checking to see if the following steps have been taken with regard to the text and PDF document submitted:

- The authors of the document have deleted their names from the text, with "Author" and year used in the references and footnotes, instead of the authors' name, article title, etc.
- The authors' names should also be removed from Document Properties found under File on Adobe Acrobat's main menu while generating the PDF document.

PDFs can be created by either using Adobe Acrobat or converting a PS file to a PDF file using Ghostscript or similar software.

BEST PAPER AWARD

The best paper will be selected based on the input from the reviewers and conference organizing committee. Papers are judged for their clarity, the originality of the work, the paper's potential importance to the field of Forensic Computer Science and the practical impact on Cyber Crime investigations/combat. The best paper will receive an award of R\$2.500,00 (approx. US\$1,000), an award plaque, certificate, regular air ticket for

one of the authors, up to seven nights stay at conference hotel (for one of the authors) and a per diem allowance of R\$130,00 (approx. US\$50). According to the quality of the reviewed papers, a first runner-up and second runner-up may be awarded if the reviewers and conference committee judge appropriate. The first runner-up and second runner-up, if approved by the conference organizing committee, may be awarded with travel and hotel expenses for one of the authors and per diem allowance of R\$130,00 (approx. US\$50).

Acceptance Policy

Acceptance of a submitted paper will be based on all received input from reviewers regarding significance of the paper, innovation, technical quality and clarity. The acceptance policy is oriented by:

- The majority rule, when there is no agreement among the reviewers with regards to acceptance or non-acceptance, of a given submission.
- The non-acceptance of the submission when there is agreement among its reviewers for not accepting it.
- Acceptance of the paper when in doubt (a draw or a tie among the opinions of the reviewers, for example).

The reasoning that is supporting this acceptance policy is based on very well established facts:

- There usually is a low level agreement among reviewers
- A significant probability of refusing high quality papers when the acceptance policy is oriented in such a way as to just accept those papers with no disagreement for their respective acceptance.
- The possible plagiarism (of some non-ethical reviewer) of the content of non-accepted papers.

The best papers, after possible suggestions for modifications (in content/format) and extensions, may also be invited to publish in the International Journal of Forensic Computer Science (www.IJoFCS.org).

Authors are expected to present their work in person at the conference and must have at least one registration per paper in order to be included in the proceedings. Authors of successful submissions will be given 30 minutes for presentation.

Any error that results in the non-inclusion of a paper that should have been included in the paper proceedings will be corrected including such a paper in the electronic version of the conference proceedings volume.

SUBMISSION OF PAPERS

Papers should be submitted via the conference web site at <http://www.iccyber.org/submission>. A login and password, as well as detailed instructions about how to submit an electronic paper, will be sent to the author in a subsequent email message. Authors must then submit a formatted electronic version of their paper through this website no later than Tuesday, July 31, 2007. We cannot accept papers submitted by email or fax.

Submissions received after the deadlines or that do not meet the length or formatting requirements detailed in the submission website may not be accepted for review. Notification of receipt of the electronic paper will be mailed to the author soon after receipt. If there are problems with the electronic submission, ICcyber2007 will contact the primary author by email.

Camera-ready PDFs of accepted papers in ICcyber2007 will be due on September 8th, 2007.

AUDIO-VISUAL GUIDELINES

Each presentation room will have the following equipment: video projector (beamer), PC running Windows XP with PowerPoint 2003, OpenOffice2.0.4 (Impress) and Acrobat reader, microphone, and screen.

Any other equipment, if needed, will have to be supplied by the presenter. Projectors for 35 mm slides and/or overhead projectors, for example, will NOT be available.

Presenters must use either a thumb/pen drive and/or CDROM to download their presentations.

For all presentations, the minimum font is 20 point (28 point is recommended for headers). Animation features can be used sparingly to increase the attention of the audience. You can also use video files linked to your presentation (Mpeg1: PAL or NTSC, Mpeg2: PAL or NTSC, Mpeg4+: DivX Version 5.1). Please do not use: Cinepak Codec (Mac or PC), Intel Indeo, Quicktime Movies, special hardware codecs.

UNIVERSITY BOOTH

A University Booth may be organized in order to help the transfer of technology to industry. Being hosted by the largest Cyber Crime conference in Latin-America, the University Booth offers a unique chance to exhibit University prototypes and pre-commercial results to both Academia and Industry. Research institutes and universities as well as government funded project consortia interested in demonstrating their pre-commercial results should contact info2007@iccyber.org for arrangements.

FRINGE MEETINGS

There may be a limited number of rooms available for the organization of fringe meetings (birds of a feather sessions) open to all ICCyber attendees, as well as for appropriate on-site closed meetings. Requests are considered in the order of their arrival, and should be directed to: info2007@iccyber.org.

PAPER SUBMISSION CONTACTS

Conference Secretariat info can be found at the Conference web page: <http://www.ICCyber.org>

Answers to specific questions can also be requested by e-mail:

- General questions: info2007@ICCyber.org.
- Submission questions: submit2007@ICCyber.org