

EDITORIAL

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It is with great satisfaction that we release IJoFCS Volume 2, Number 1 this first term of 2007, with new articles of great interest to the Forensic Computer Science community. We are very proud to see that the Journal has sparked great and growing interest of the scientific community concerned with Forensic Computer Science, of Police Agencies, of researchers, information security professionals, and other people involved in issues related to fighting cyber crimes and to information security.

We have realized that criminal activity in cyberspace is rising. There are even cases of traditional criminal groups who are migrating their criminal activity into cyberspace seeking fewer risks and greater illegal financial gains in less time. New ways of attacking are created with great frequency. In such scenario, the response of the scientific community is of fundamental importance, by dedicating research efforts, thus seeking to find new ways of making cyberspace safer and more reliable.

In this first number of IJoFCS Volume 2, we have sought to address with main emphasis the botnet attacks, which perhaps represent the greatest threat to cyberspace security in current times. Botnets are deployed for many illegal uses, including, among others, to send large quantities of undesired messages (spam) for criminal purposes, and the distributed denial of service (DDoS), which is used for extortion of the victims who have their service affected. Botnet attacks are becoming more and more common in Brazil and in the rest of the world; this entails a joint effort from the government and the industry aiming to more efficient ways of fighting such attacks.

The articles published in this issue also address the Journal's other topics of interest, such as "Intrusion Prevention and Detection," "Digital Investigation," and "Artificial Intelligence."

One more time, we welcome prospective authors to submit their papers to IJoFCS, using the webpage www.ijofcs.org.