

From the Editors

We were overwhelmed with the reception to the inaugural issue. Word spread very quickly about the journal and the resulting hit rate was remarkable. The journal averaged 2000-3000 hits per day in its first week and was visited by individuals from 32 countries. We felt there was a strong need for such a journal, but underestimated the response.

The articles in this issue have been peer reviewed. A formal process will be developed for the next issue due out in late September. The four articles provide insight into key aspects of digital forensics. The Gerber and Leeson article, *Shrinking the Ocean: Formalizing I/O Methods in Modern Operating Systems*, examines the scattered state of formal descriptions of hard drives and other peripherals. They suggest a methodology for strengthening both the evidentiary weight and the scientific understanding of computer-stored data. Casey, in his article, *Error, Uncertainty, and Loss in Digital Evidence*, discusses “inherent uncertainties in network related evidence that can be compounded by data corruption, loss, tampering, or errors in interpretation and analysis.” It provides methods of estimating and categorizing uncertainty in digital data. In *Dynamic Time & Date Stamp Analysis*, Weil discusses, “dynamic time and date stamp analysis as a method for correlating times and dates contained within a file to the modified, accessed, and created/change of status (MAC) times of the file.” It is a departure from the other articles we have published in that it is more of a case study that describes an innovative technique. The Giordano and Maciag article, *Cyber Forensics: A Military Operations Perspective*, discusses some of the unique military requirements and challenges in Cyber Forensics. The current state of network forensic technologies and capabilities are discussed, as well as the need to transfer cyber forensic technologies and capabilities to civilian law enforcement, critical infrastructure protection, and industry.

We are pleased to welcome Tom Sadaka to the Editorial Board. Tom is the Special Counsel for Computer Crime and Identity Theft Prosecutions, Office of Statewide Prosecution. He is located in Orlando, Florida. Eoghan Casey has offered his services as a reviewer. Eoghan Casey is System Security Administrator at Yale University, author of two books on digital forensics, and contributor in this issue of IJDE.

We are grateful for the support we have received from the Air Force Research Laboratory (ARFL) and the Economic Crime Investigation Institute (ECII) in launching the first two issues. In an effort to continue to provide open access to the Journal, we are initiating a sponsorship plan. The IJDE will offer the opportunity for a single sponsor for each issue. That sponsor's logo will be displayed on the home page and a link will be provided to their web site. Special consideration will be given to publishing a white paper on a timely topic in the issue they sponsor. If you are interested to sponsoring an issue, please contact the Editor, Dr. Gary R. Gordon ggordon@utica.ucsu.edu or the Associate Editor, Dr. John Leeson jjleeson@hotmail.com for more details.

As we stated earlier, the response to the IJDE has been amazing. However, the same has not been true of the submission of articles. We are actively soliciting articles for the

September and December issues. Articles must be submitted by August 23 and November 22 respectively to provide time for the peer review process.

Several individuals have requested notification of subsequent issues. It is our policy to publish the IJDE quarterly on or before the last day of March, June, September, and December. Any change to that schedule will be posted on the home page.

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