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## Front Matter

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Security and Law



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# JDFSL

## The Journal of Digital Forensics, Security and Law

Volume 7, Number 4 (2012)

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## **Call for Papers**

The Journal of Digital Forensics, Security and Law has an open call for papers in, or related to, the following subject areas:

- 1) Digital Forensics Curriculum
- 2) Cyber Law Curriculum
- 3) Information Assurance Curriculum
- 4) Digital Forensics Teaching Methods
- 5) Cyber Law Teaching Methods
- 6) Information Assurance Teaching Methods
- 7) Digital Forensics Case Studies
- 8) Cyber Law Case Studies
- 9) Information Assurance Case Studies
- 10) Digital Forensics and Information Technology
- 11) Law and Information Technology
- 12) Information Assurance and Information Technology

## **Guide for Submission of Manuscripts**

Manuscripts should be submitted through the JDFSL online system in Word format using the following link: <http://www.jdfsl.org/submission.asp>. If the paper has been presented previously at a conference or other professional meeting, this fact, the date, and the sponsoring organization should be given in a footnote on the first page. Articles published in or under consideration for other journals should not be submitted. Enhanced versions of book chapters can be considered. Authors need to seek permission from the book publishers for such publications. Papers awaiting presentation or already presented at conferences must be significantly revised (ideally, taking advantage of feedback received at the conference) in order to receive any consideration. Funding sources should be acknowledged in the *Acknowledgements* section.

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Additional information regarding the format of submissions may be found on the JDFSL Website at <http://www.jdfsl.org/authorinstructions.htm>.

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## **From the Editor-in-Chief**

Welcome to the final issue of Volume 7. We start the issue with the Digital Forensics as Science column, with Fred Cohen taking on the sometimes-controversial issue of recovering overwritten data from magnetic media. In our other standing columns, John C. Ebert provides an in-depth review of a new edition of one of the best-known Windows forensics books written by Anson et al., and Nick Flor presents a Technology Corner article with an app for teaching regular expressions. And, of course, we have four peer-reviewed papers in this issue, covering the trifecta of the Journal – digital forensics, information security, and the law.

The first paper, *'Preemptive Suppression' – Judges Claim the Right to Find Digital Evidence Inadmissible before It is Even Discovered* (Simpson), is a very timely review of a recent Vermont Supreme Court decision. On the heels of the controversial *U.S. v. Comprehensive Drug Testing* ruling that essentially eliminated plain view on digital devices, a trial judge in Vermont started to add strict limitations and conditions on search warrants for digital devices in criminal investigations. Prosecutors sought clarity from the state Supreme Court about the constitutionality of those restrictions, as reported in this paper.

*An Australian Perspective on the Challenges for Computer and Network Security for Novice End-Users* (Szewczyk) discusses research about why following "simple" information security guidelines is often beyond the reach of many novice computer users. The paper further describes methods that may prove beneficial to improving users' security and computer proficiency.

The third paper, *Forensic Evidence Identification and Modeling for Attacks against a Simulated Online Business Information System* (Tu, Xu, Butler, & Schwartz), describes mechanisms that can be used by an organization to maintain *forensic readiness*, i.e., the ability of an organization to be prepared to launch an investigation or perform an audit after an event. The authors describe several scenarios of internal and external attacks, and a honeypot-based simulation model.

Our final paper, *Implementing the Automated Phases of the Partially-Automated Digital Triage Process Model* (Cantrell & Dampier), describes ways of automating the digital triage process. As the number of digital devices with a possible nexus to an arrest or crime increases, as well as the size of the digital media to examine, triage in the field becomes an important way to minimize a huge backlog in the lab that might include non-probative information.



I also wish to note that this is my final issue as Editor-in-Chief. They say that "change is good." Over the last two years, with the support of publisher and founding editor, Glenn Dardick, and the amazing set of professionals listed on the journal's masthead, we have morphed the journal in several subtle and not-so-subtle ways. For starters, we added section editors to assist in the review of papers, which has increased the rate at which we can process submissions. We also added regional editors in an effort to increase international submissions. We added two columns – Digital Forensics as a Science (Fred Cohen and Simson Garfinkel) and Technology Corner (Nick Flor) – to our extant Book Review column (Jigang Liu, who also steps down after this issue). And we have increased the number of peer-reviewed papers from three to four per issue. I thank all of the editors, reviewers, authors, and readers in continuing the journal's success. With this, I hand the EIC reins over to David Biros and trust that he will have the same level of support as I have had. Thank you all.

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