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## Front Matter

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## The Journal of Digital Forensics, Security and Law

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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/for-authors>. 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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## FROM THE EDITOR-IN-CHIEF

Welcome to JDFSL's third issue for 2015. I am very pleased to step in for this issue as the guest editor

In this issue, we continue our multidisciplinary tradition. The first paper, *Computer Forensic Projects for Accountants*, argues the importance of computer forensics to accounting students and offers a set of exercises to provide an introduction to obtaining and analyzing data with free online forensics software. In the paper, figures of important steps are provided.

In the second paper, *Identification and Exploitation of Inadvertent Spectral Artifacts in Digital Audio*, the authors show that modulation products from local oscillators in a variety of commercial camcorders are coupled into the recorded audio track, creating narrow band time invariant spectral features. The authors show that those spectral features, left largely intact by transcoding, compression and other forms of audiovisual post processing, can encode characteristics of specific camcorders used to capture the audio files, including the make and model. The paper demonstrates an average probability of detection approaching 0.95 for identification of a specific camcorder in a population of thousands of similar recordings, with a probability of false alarm of only about 0.11.

In the third paper, *On The Network Performance of Digital Evidence Acquisition of Small Scale Devices Over Public Networks*, the authors describe the architecture of a comprehensive proactive digital investigation system, termed as the Live Evidence Information Aggregator (LEIA) to be used to collect digital evidence from potentially any device in real time over the Internet. Particular focus is made on the importance of the efficiency of the network communication in the evidence acquisition phase, in order to retrieve potentially evidentiary information remotely and with immediacy.

Finally, in the fourth paper, *A 3-D Stability Analysis of Lee Harvey Oswald in the Backyard Photo*, the authors discuss a key piece of forensics evidence in the assassination of U.S. President Kennedy – photographic evidence that is still debated today as to whether the famous backyard photo of Oswald, holding the same type of rifle used to assassinate the President, is a fake. Those claims include, among others, that Oswald's pose in the photo is physically implausible. The authors, in their paper, describe a detailed 3-D stability analysis to determine if those claims are warranted.

Sincerely,

Dr. Glenn S. Dardick, PhD CCFP CCE  
Guest Editor