



THE JOURNAL OF
**DIGITAL FORENSICS,
SECURITY AND LAW**

**Journal of Digital Forensics,
Security and Law**

Volume 12

Article 2

12-2017

Front Matter

Follow this and additional works at: <https://commons.erau.edu/jdfsl>



Part of the [Computer Law Commons](#), and the [Information Security Commons](#)

Recommended Citation

(2017) "Front Matter," *Journal of Digital Forensics, Security and Law*: Vol. 12 , Article 2.

DOI: <https://doi.org/10.58940/1558-7223.1516>

Available at: <https://commons.erau.edu/jdfsl/vol12/iss4/2>

This Front Matter/Back Matter is brought to you for free and open access by the Journals at Scholarly Commons. It has been accepted for inclusion in Journal of Digital Forensics, Security and Law by an authorized administrator of Scholarly Commons. For more information, please contact commons@erau.edu.

EMBRY-RIDDLE | **PURDUE**
Aeronautical University | UNIVERSITY

(c)ADFSL



JDFSL

The Journal of Digital Forensics, Security and Law

Volume 12, Number 4 (2017)

Editorial Board

Editor-in-Chief

Glenn S. Dardick, PhD, CCE, CCFP
ADFSL
Florida, USA

Associate Editor-in-Chief

Diane Barrett, PhD, CISSP
Bloomsburg University
Pennsylvania, USA

Frank Adelstein, PhD
Cayuga Networks
New York, USA

John W. Bagby, JD
The Pennsylvania State University
Pennsylvania, USA

Ibrahim (Abe) Baggili, PhD
University of New Haven
Connecticut, USA

David P. Biros, PhD
Oklahoma State University
Oklahoma, USA

Frank Breitingner
University of New Haven
Connecticut, USA

Raymond Choo, PhD
University of South Australia
South Australia, Australia

Kam Pui (KP) Chow, PhD
University of Hong Kong
Hong Kong, China

Fred Cohen, PhD, CEO
Management Analytics
California, USA

Philip Craiger, PhD, CISSP, CCFP
Daytona State College
Florida, USA

David Dampier, PhD
Mississippi State University
Mississippi, USA

Barbara Endicott-Popovsky, PhD
University of Washington
Washington, USA

Nick V. Flor, PhD
University of New Mexico
New Mexico, USA

Virginia N. L. Franqueira, PhD
University of Derby
United Kingdom

Simson Garfinkel, PhD
NIST
Maryland, USA

Pavel Gladyshev, PhD
University College Dublin
Ireland

Sanjay Goel
University at Albany
State University of New York
New York, USA

Joshua James, PhD
Soonchunhyang University
South Korea

Andy Jones, PhD
University of South Wales
UK

Erin Kenneally, MFS, JD
Elchemy, Inc.
University of California San Diego
California, USA

Gary C. Kessler, PhD, CCE, CCFP, CISSP
Embry-Riddle Aeronautical University
Florida, USA

Jigang Liu, PhD
Metropolitan State University
Minnesota, USA

Michael M. Losavio, JD
University of Louisville
Kentucky, USA

Andrew Marrington, PhD
Zayed University
UAE

Martin Oliver, PhD, CCFP
University of Pretoria
South Africa

Richard Overill, PhD, FBCS
King's College London
United Kingdom

Denise Pheils, PhD, CISSP, PMP
Texas A&M
Texas, USA

John Riley, PhD
Bloomsburg University
Pennsylvania, USA

Marcus K. Rogers, PhD, CISSP
Purdue University
Indiana, USA

Vassil Roussev, PhD
University of New Orleans
Louisiana, USA

Neil Rowe, PhD
U.S. Naval Postgraduate School
California, USA

Mark Scanlon, PhD
University College Dublin
Dublin, Ireland

Kathryn C. Seigfried-Spellar, PhD
The University of Alabama
Alabama, USA

Il-Yeol Song, PhD
ACM Distinguished Scientist
Drexel University
Pennsylvania, USA

Bernd Carsten Stahl, PhD
De Montfort University
Leicester, UK

Craig Valli, DIT
Edith Cowan University
Western Australia, Australia

Eli Weintraub, PhD, CISA
Afeka Tel Aviv Academic College of
Engineering
Israel

Nigel Wilson
The University of Adelaide
South Australia, Australia

Copyright © 2017 ADFSL, the Association of Digital Forensics, Security and Law. Permission to make digital or printed copies of all or any part of this journal is granted without fee for personal or classroom use only and provided that such copies are not made or distributed for profit or commercial use. All copies must be accompanied by this copyright notice and a full citation. Permission from the editor is required to make digital or printed copies of all or any part of this journal for profit or commercial use. Permission requests should be sent to Editor, JDFSL, 4350 Candlewood Lane, Ponce Inlet, FL 32127, or emailed to editor@jdfsl.org. ISSN 1558-7215

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.

The copyright of all material published in *JDFSL* is held by the Association of Digital Forensics, Security and Law (ADFSL). The author must complete and return the copyright agreement before publication. The copyright agreement may be found at <http://www.jdfsl.org/for-authors>.

Additional information regarding the format of submissions may be found on the *JDFSL* Web site at <http://www.jdfsl.org/for-authors>.

Contents

Call for Papers	2
Guide for Submission of Manuscripts	2
Multiple Content Adaptive Intelligent Watermarking Schemes for the Protection of Blocks of a Document	5
K. R. Chetan and S. Nirmala	
Varying Instructional Approaches to Physical Extraction of Mobile Device Memory	29
Joan Runs Through and Gary Cantrell	
Digital Forensic Readiness in Organizations: Issues and Challenges	43
Nickson M. Karie and Simon M. Karume	
Broadband Router Security: History, Challenges and Future Implications	55
Patryk Szewczyk and Rose Macdonald	
Evidence Verification Complications with Solid-State Drives	75
Ryne Teague and Michael Black	
A Data Hiding Scheme Based on Chaotic Map and Pixel Pairs	87
Sengul Dogan	
Subscription Information	101

Special Issue on the International Conference of Digital Forensics & Cyber Crime



8th Annual



International Conference on Digital Forensics & Cyber Crime

Manhattan, New York | 28-30 September 2016

ORGANIZED BY:

-  University of New Haven
TAGLIATELA COLLEGE OF ENGINEERING
-  UNHcFREG
-  JOHN JAY
COLLEGE OF
CRIMINAL
JUSTICE
-  EAI
RESEARCH MEETS INNOVATION

SPONSORS:

-  nuix
Gold Sponsor
-  Google
Keynote Sponsor
-  JDFSL
The Journal of
Digital Forensics,
Security and Law
-  APFSL
-  CREATE-NET
Technical Sponsor