

The 3rd International Workshop on Digital Crime and Forensics

in conjunction with the 7th Chinese Computer Forensics Workshop

18-19 Nov. 2017, Nanchang, China

Website: www.iwdcf.net

For the 20 years, researchers from all over the world have contributed tremendously to the technologies of crime investigation and forensics. Notably, in recent years, digital forensics, which was previously almost the synonym for computer forensics, has developed more and more subfields such as the network forensics, content forensics, source tracing, etc. However, while the advance of digital technologies boosts the development of forensic techniques, it also helps criminals and law violators. Particularly, anti-forensic technologies are also widely studied nowadays. Therefore, a series of problems still exist in various areas including the mathematical modelling, computational intelligence, accuracy improvement, new method development, and performance evaluations, etc. The focus of this workshop is on calling up the research groups to remove the obstacles.

This workshop is organized by the Computer Forensics Expert Committee of Chinese Institute of Electronics and the International Journal of Digital Crime and Forensics (IJDCF), and jointly organized by the State Key Laboratory of Information Security at Institute of Information Engineering, Chinese Academy of Sciences (CAS) and the Key Laboratory of Intelligent Network and Network Security of the Ministry of Education (MOE) at Xi'an Jiao Tong University. Jiangxi Institute of Police will hold the workshop of the year 2017. The topics cover but not limited to:

<i>Computational approaches to digital crime preventions</i>	<i>Network intrusion detection</i>
<i>Crime scene imaging</i>	<i>Network attack investigation and forensics</i>
<i>Cryptologic techniques and tools for crime investigation</i>	<i>Network attack source tracing</i>
<i>Data carving and recovery</i>	<i>Small digital device forensics (cell phones, smartphone, PDAs, audio/video devices, cameras, flash drives, gaming devices, GPS devices, etc.)</i>
<i>Digital Evidence</i>	<i>Multimedia content forensics</i>
<i>Digital techniques for crime investigations</i>	<i>Techniques for content tempering</i>
<i>Identity theft and biometrics</i>	<i>Anti-forensic technology</i>
<i>Information warfare</i>	<i>Steganography and steganalysis</i>
<i>Machine learning, data mining, and information retrieval for crime prevention and forensics</i>	<i>Network covert communication and detection</i>
<i>Policy, standards, protocols, accreditation, certification, and ethical issues related to digital crime and forensics</i>	<i>Analytical methodologies against terrorism</i>
<i>Malicious codes detection</i>	<i>Watermarking for digital forensics</i>
	<i>Digital rights management</i>

All the papers will be submitted and reviewed by at least three reviewers. The papers accepted by this workshop will be published in *International Journal of Digital Crime and Forensics*. Possibly, some requirements for improving the paper's quality should be fulfilled in time by the authors before the publication.

General Chairs

Liping Ding, Chinese Academy of Sciences, China

Wei Qi Yan, Auckland University of Technology, New Zealand

Chang-Tsun Li, Charles Sturt University, Australia

Program Committee Chairs

Xianfeng Zhao, Chinese Academy of Sciences, China

Bo Jin, The 3rd Institute of Ministry of Public Security, China

Jianming Zhu, Central University of Finance and Economic, China

Program Committee Members

Pradeep Atrey, State University of New York, Albany, USA

Kai Chen, Chinese Academy of Sciences, China

Kam Pui Chow, University of Hong Kong, Hong Kong

Shijian Dai, China University of Political Science and Law, China

Liping Ding, Chinese Academy of Sciences, China

Yanhui Du, People's Public Security University of China

Hong Guo, The 3rd Institute of Ministry of Public Security, China

Ping Ji, City University of New York & John Jay College of Criminal Justice, USA

Xiangui Kang, Sun Yat-Sen University, China

Chang-Tsun Li, Charles Sturt University, Australia

Feng Liu, Chinese Academy of Sciences, China

Ju Liu, Shandong University, China

Wei Lu, Sun Yat-Sen University, China

Rongrong Ni, Beijing Jiaotong University, China

Shaozhang Niu, Beijing University of Posts and Telecommunications, China

Fei Peng, Hunan University, China

Bu Shou, Shanghai Jiaotong University, China

Guozi Sun, Nanjing University of Posts and Telecommunications, China

Bo Wang, Dalian University of Technology, China

Xiuli Wang, Central University of Finance and Economics, China

Wei Qi Yan, Auckland University of Technology, New Zealand

Chung-Huang Yang, National Kaohsiung Normal University, Taiwan

Linna Zhou, University of International Relations, China

Guopu Zhu, Chinese Academy of Sciences, China

Organization Committee Chairs

Min Tu, Jiangxi Institute of Police, China

Organization Committee Members

Jin Du, Chinese Academy of Sciences, China

Wen Wang, Chinese Academy of Sciences, China

Yanfei Tong, Chinese Academy of Sciences, China

Paper Submission

Submitted manuscripts must not substantially overlap with the ones that have been published or are simultaneously under review by other journals or a conference. The submissions must be clearly presented in English, within 20 pages using the IJDCF paper template (http://www.iwdcf.net/IJDCF_Template_and_Samples.rar). And please submit your papers at the EasyChair web: <https://easychair.org/conferences/?conf=iwdcf2017>.

The conference papers will be selected based on reviewer's feedback, including the originality, significance, relevance, clarity of presentation, correctness, etc. Should the paper be accepted, at least one of the authors need register and attend the conference to present the work. The accepted papers will be published in the *International Journal of Digital Crime and Forensics* (<https://www.igi-global.com/journal/international-journal-digital-crime-forensics/1112>) if the authors have fulfilled the revision requirements for improving the paper quality in time.

Important Dates

Paper submission deadline: 1 September 2017

Notification acceptance: 9 October 2017

Camera ready deadline: 23 October 2017

Contact Us

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