

Program of E-Forensics 2010

10-12 November 2010, Shanghai, China

Wednesday, 10 Nov. Hotel Grand Mercure Hongqiao	
16:00-20:00 Registration on site	
17:00–21:00 Reception (Buffet dinner)	
Thursday, 11 Nov.	
08:30-09:10 Welcome and Opening Ceremony	
09:10-09:25 Photo Session	
09:25-10:05 Invited talk: Patrick S. P. Wang	
10:05-10:20 Coffee break	
10:20-12:20 S1a: Data Carving, computer forensics	10:20-12:20 S1b: Multimedia and Motion analysis
12:20-13:50 Lunch	
13:50-15:10 S2a: Crypto-technique	13:50-15:10 S2b: Device forensics
15:10-15:30 coffee break	E-Forensics Law Workshop 15:30-17:10 Workshop
15:30-17:10 S3: Fraud	
Conference Dinner	
Friday, 12 Nov.	
09:00-09:40 Invited talk: Rongsheng Xu	
09:40-10:00 Coffee break	
10:00-11:40 S4: evidence	
11:40-13:10 Lunch	
13:10-13:50 Invited talk: Pauline C. Reich	

13:50-14:50	S5: record tracing
14:50-21:00	Sightseeing

E-Forensics 2010: detailed Program

10-12 November 2010, [Hotel Grand Mercure Hongqiao, Shanghai, China](#)

Wednesday, 10 Nov.	
16:00-20:00	Conference on site registration
17:00-21:00	Reception (Buffet dinner)
Thursday, 11 Nov.	
08:30-12:00	Conference on site registration
08:30-09:10	<p>Welcome and Opening Ceremony: Dawu Gu</p> <p>08:30-08:35 General chair, professor Dawu Gu, introduces the attending leaders and the honored guests</p> <p>08:35-08:40 Speech by Chengliang Zheng, Vice President of Shanghai Jiao Tong University</p> <p>08:40-08:45 Speech by Zhichun Du, Secretary of the Party Committee of East China University of Political Science and Law</p> <p>08:45-08:50 Speech by Chuanping Hu, Superintendent of the 3rd Research Institute of Ministry of Public Security</p> <p>08:50-08:55 Speech by Boqin Li, Director of the Office of Judicial Authentication Management, Shanghai Municipal Justice Administration</p> <p>08:55-09:10 Program chair, professor Xuejia Lai, introduces the preparation of the E-Forensics 2010 conference and announces the best paper awards</p>

09:10-09:25	Photo session	
Invited Talk (I): Session Chair: Hui Li		
09:25-10:05	Patrick S. P. Wang: Intelligent Pattern Recognition and Applications	
10:05-10:20	Coffee break	
Orchid room		Dragon room
Session 1a: Data Carving and computer forensics Session Chair: Liping Ding		Session 1b: Multimedia and Motion analysis Session Chair: Xuejia Lai
10:20-10:40	Fast In-Place File Carving For Digital Forensics <i>Xinyan Zha and Sartaj Sahni</i>	RICB: Integer Overflow Vulnerability Dynamic Analysis via Buffer Overflow <i>Yong Wang, Dawu Gu, Jianping Xu, Mi Wen and Liwen Deng</i>
10:40-11:00	A Novel Inequality-based Fragment File Carving Technique <i>Hwei-Ming Ying and Vrizzlynn L. L. Thing</i>	Behavior Clustering for Anomaly Detection <i>Xudong Zhu, Hui Li, and Zhijing Liu</i>
11:00-11:20	On Achieving Encrypted File Recovery <i>Xiaodong Lin, Chenxi Zhang, and Theodora Dule</i>	Enhance Information Flow Tracking with Function Recognition <i>Kan Zhou, Shiqiu Huang, Zhengwei Qi, Jian Gu, Beijun Shen</i>
11:20-11:40	Research and Review on Computer Forensics <i>Hong Guo, Bo Jin</i>	Indicator association rules for detecting pirate MP3 files and an ethical analysis of a post-payment system <i>Heikki Kokkinen, Markus Miettinen</i>
11:40-12:00	Network Connections Information Extraction of 64-bit Windows 7 Memory Images <i>Wang Lianhai, Xu Lijuan, and Zhang Shuhui</i>	A H.264/AVC Video Watermarking Scheme in VLC Domain for Content Authentication <i>Tanfeng Sun, Xinghao Jiang, Zhigao Lin, Yue Zhou, Huan Lu</i>
12:00-12:20	Study on integrity of chain of custody in computer forensics <i>Yi Wang</i>	Color Filter Array Synthesis in Digital Images via Dictionary Re-demosaicing <i>Sunguangling, Shenzhoubiao</i>
12:20-13:50	Lunch	
Session 2a: Crypto-techniques Session Chair: Vrizzlynn Thing		Session 2b: Device forensics Session Chair: Ping Ji
13:50-14:10	A Special ID-based Proxy Signature Scheme from Bilinear Pairings	Acquisition of Network Connection Status Information from Physical

	<i>Shucui Xie, and Ronghong Xue</i>	Memory on Windows Vista Operating System <i>Lijuan Xu , Lianhai Wang, Lei Zhang, Zhigang Kong</i>
14:10-14:30	Disguisable Symmetric Encryption Schemes for an Anti-forensics Purpose <i>Ning Ding, Dawu Gu, Zhiqiang Liu</i>	A novel forensics analysis method for evidence extraction from unallocated space <i>Zhenxing Lei, Theodora Dule, and Xiaodong Lin</i>
14:30-14:50	Digital Signatures for e-Government – a Long-Term Security Architecture <i>Przemysław Bla'skiewicz, Przemysław Kubiak, and Mirosław Kutylowski</i>	On the Feasibility of Carrying out Live Real-Time Forensics for Modern Intelligent Vehicles, <i>Saif Al-Kuwari and Stephen D. Wolthusen</i>
14:50-15:10	An Efficient Searchable Encryption Scheme and Its Application in Network Forensics <i>Xiaodong Lin, Rongxing Lu, Kevin Foxton, and Xuemin (Sherman) Shen</i>	Live Memory Acquisition through FireWire <i>Lei Zhang, Lianhai Wang, Ruichao Zhang, Shuhui Zhang, and Yang Zhou</i>
15:10-15:30	Coffee Break	
Session 3: Fraud manage and content filtering Session Chair: <i>Xiaodong Lin</i>		E-ForensicsLaw Workshop Chair: Yongquan Wang, Bo Jin
15:30-15:50	A Stream Pattern Matching Method for Traffic Analysis <i>Can Mo, Hui Li, Yanping Wang</i>	Face and Lip Tracking For Person Identification <i>Zhang Ying</i>
15:50-16:10	Text Content Filtering Based on Chinese Character Reconstruction from Radicals <i>Wenlei He, Gongshen Liu, Jun Luo, and Jiuchuan Lin</i>	SQL Injection Defense Mechanisms for IIS+ASP+MSSQL Web Applications <i>Beihua Wu</i>
16:10-16:30	Research on the Helper of EnCase for Digital Evidences in Uyghur-Kazak-Kyrgyz <i>Yasen Aizezi, Liping Ding, Dilixiati Maimaiti, Qiong Wan</i>	On Different Categories of Cybercrime in China <i>Aidong Xu, Yan Gong, Yongquan Wang, and Nayan Ai</i>
16:30-16:50	A Privilege Separation Method for Security Commercial Transactions <i>Yasha Chen, Jun Hu and Xinmao Gai</i>	Research on the Application Security Isolation Model <i>Lei Gong, Yong Zhao, Jianhua Liao</i>

16:50-17:10	Development in data forensic laboratory <i>Xiamen Meiya Pico Information Co.,Ltd.</i>	An Anonymity Scheme Based on Pseudonym in P2P Networks <i>Hao Peng, Songnian Lu, Jianhua Li, and Aixin Zhang</i>
18:00 Conference dinner		
Friday, 12 Nov.		
Invited Talk(II) Session Chair: Bo Jin		
09:00-09:40	Rongsheng Xu: Review on status of Digital Forensic in China	
09:40-10:00	Coffee Break	
Session 4: evidence Session Chair: Dawu Gu		
10:00-10:20	Investigating the Implications of Virtualization for Digital Forensics <i>Zheng Song, Bo Jin, Yinghong Zhu and Yongqing Sun</i>	
10:20-10:40	A Fuzzy-Based Trust Model For P2P Systems - <i>Zhixin Sun, Yadang Chen, Yichen Jin</i>	
10:40-11:00	Attacks on BitTorrent -- An Experimental Study <i>Marti Ksionsk, Ping Ji, and Weifeng Chen</i>	
11:00-11:20	Data Recovery Based on Intelligent Pattern Matching <i>YI JunKai, Tang Shuo</i>	
11:20-11:40	Digital Forensic Analysis on Runtime Instruction Flow <i>Juanru Li, Dawu Gu, Chaoguo Deng, and Yuhao Luo</i>	
11:40-13:10	Lunch	
Invited Talk(III) Session Chair: Yongquan Wang		
13:10-13:50	Pauline C. Reich: Interdisciplinary Dialogues and the Evolution of Law to Address Cybercrime Issues in the Exciting Age of Information and Communication Technology	
Session 5: Record tracing Session Chair: Ning Ding		
13:50-14:10	Analysis of Telephone Call Detail Records Based on Fuzzy Decision Tree <i>Liping Ding, Yongji Wang and Jingzheng Wu</i>	
14:10-14:30	Using Relationship-Building in Event Profiling for Digital Forensic Investigations <i>Lynn M Batten, Lei Pan</i>	
14:30-14:50	A Modified Hausdorff Distance based Algorithm for 2-Dimensional Spatial	

	Trajectory Matching, <i>Fei Shao, Songmei Cai, and Junzhong GU</i>
14:50-21:00	sightseeing