

Curriculum Vitae (2023)

Yingjiu (Joe) Li

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Highest Degree: PhD in Information Technology, George Mason University, USA, 2003

Positions Held

Dec. 2019 – Present	Ripple Professor	University of Oregon
Jan. 2011 – Dec. 2019	Associate Professor	Singapore Management University
Aug. 2003 – Dec. 2010	Assistant Professor	Singapore Management University

Research Interests

IoT Security and Privacy, Mobile and System Security, Applied Cryptography and Cloud Security, Data Application Security and Privacy

Refereed Journal Articles

1. Rui Shi, Yang Yang, Yingjiu Li, Huamin Feng, Guozhen Shi, HweeHwa Pang, Robert Deng, “Double Issuer-Hiding Attribute-Based Credentials from Tag-Based Aggregatable Mercurial Signatures,” accepted by IEEE Transactions on Dependable and Secure Computing (TDSC), 2023.
2. Bowen Zhao, Xiaoguo Li, Ximeng Liu, Qingqi Pei, Yingjiu Li, Robert Deng, “CrowdFA: A Privacy-Preserving Mobile Crowdsensing Paradigm via Federated Analytics,” IEEE Transactions on Information Forensics and Security (TIFS), 18: 5416-5430, 2023.
3. Yang Yang, Wenyi Xue, Yonghua Zhan, Minming Huang, Yingjiu Li, Robert Deng, “AnoPay: Anonymous Payment for Vehicle Parking with Updatable Credential,” accepted by IEEE Transactions on Dependable and Secure Computing (TDSC), 2023.
4. Yuxian Li, Jian Weng, Wei Wu, Ming Li, Yingjiu Li, Haoxin Tu, Yongdong Wu, Robert Deng, “PRI: PCH-based privacy-preserving with reusability and interoperability for enhancing blockchain scalability,” Journal of Parallel and Distributed Computing, 180: 104721, 2023.
5. Rui Shi, Huamin Feng, Yang Yang, Feng Yuan, Yingjiu Li, Hwee Hwa Pang, Robert Deng, “Threshold Attribute-based Credentials with Redactable Signature,” accepted by IEEE Transactions on Services Computing (TSC), 2023.
6. Wenyi Xue, Yang Yang, Yingjiu Li, Hwee Hwa Pang, Robert Deng, “ACB-Vote: Efficient, Flexible, and Privacy-Preserving Blockchain-Based Score Voting with Anonymously Convertible Ballots,” IEEE Transactions on Information Forensics and Security (TIFS), 18: 3720-3734, 2023.
7. Bowen Zhao, Yingjiu Li, Ximeng Liu, Hwee Hwa Pang, Robert Deng, “Identifiable, But Not Visible: A Privacy-Preserving Person Re-Identification Scheme,” accepted by IEEE Transactions on Reliability (TRel), 2023.
8. Peizhuo Lv, Pan Li, Shengzhi Zhang, Kai Chen, Ruigang Liang, Hualong Ma, Yue Zhao, Yingjiu Li, “A Robustness-Assured White-Box Watermark in Neural Networks,” accepted by IEEE Transactions on Dependable and Secure Computing (TDSC), 2023.

9. Shengmin Xu, Xinyi Huang, Jiaming Yuan, Yingjiu Li, Robert Deng, "Accountable and Fine-Grained Controllable Rewriting in Blockchains," *IEEE Transactions on Information Forensics and Security (TIFS)*, 18: 101-116, 2023.
10. Shengmin Xu, Jianting Ning, Yingjiu Li, Yinghui Zhang, Guowen Xu, Xinyi Huang, Robert H. Deng, "A Secure EMR Sharing System with Tamper Resistance and Expressive Access Control," *IEEE Transactions on Dependable and Secure Computing (TDSC)*, 20(1): 53-67 2023.
11. Tao Xue, Yu Wen, Bo Luo, Gang Li, Yingjiu Li, Boyang Zhang, Yang Zheng, Yanfei Hu, Dan Meng, "SparkAC: Fine-Grained Access Control in Spark for Secure Data Sharing and Analytics," *IEEE Transactions on Dependable and Secure Computing (TDSC)*, 18: 101-116, 2023.
12. Shengmin Xu, Jianting Ning, Xinyi Huang, Yingjiu Li, Guowen Xu, "Untouchable Once Revoking: A Practical and Secure Dynamic EHR Sharing System via Cloud," *IEEE Transactions on Dependable and Secure Computing (TDSC)*, 19(6): 3759-3773, 2022.
13. Shengmin Xu, Yingjiu Li, Robert H. Deng, Yinghui Zhang, Xiangyang Luo, Ximeng Liu, "Lightweight and Expressive Fine-grained Access Control for Healthcare Internet-of-Things," *IEEE Transactions on Cloud Computing*, 10(1): 474-490, 2022.
14. Zhuoran Ma, Jianfeng Ma, Yinbin Miao, Yingjiu Li, Bowen Zhao, Yang Yang, Ximeng Liu, Robert Deng, "ShieldFL: Mitigating Model Poisoning Attacks in Privacy-Preserving Federated Learning," *IEEE Transactions on Information Forensics and Security (TIFS)*, 17: 1639-1654, 2022.
15. Shengmin Xu, Jianting Ning, Yingjiu Li, Yinghui Zhang, Guowen Xu, Xinyi Huang, Robert H. Deng, "Match in My Way: Fine-Grained Bilateral Access Control for Secure Cloud-Fog Computing," *IEEE Transactions on Dependable and Secure Computing (TDSC)*, 19(2): 1064-1077, 2022.
16. Jiayun Xu, Yingjiu Li, Robert H. Deng, Ke Xu, "SDAC: A Slow-Aging Solution for Android Malware Detection Using Semantic Distance Based API Clustering," *IEEE Transactions on Dependable and Secure Computing (TDSC)*, 19(2): 1149-1163, 2022.
17. Yao Cheng, Chang Xu, Zhen Hai, Yingjiu Li, "DeepMnemonic: Password Mnemonic Generation via Deep Attentive Encoder-Decoder Model," *IEEE Transactions on Dependable and Secure Computing (TDSC)*, 19(1):77-90, 2022.
18. Binanda Sengupta, Yingjiu Li, Yangguang Tian, Robert Deng, Zheng Yang, "Policy-Based Editing-Enabled Signatures: Authenticating Fine-Grained and Restricted Data Modification," *The Computer Journal (COMPJ)*, 5(10): 2570-2588, Oxford Academic, 2022.
19. Yan Li, Yao Cheng, Weizhi Meng, Yingjiu Li, Robert H. Deng, "Designing Leakage-Resilient Password Entry on Head-Mounted Smart Wearable Glass Devices," *IEEE Transactions on Information Forensics and Security (TIFS)*, 16: 307-321, 2021.
20. Yangguang Tian, Yingjiu Li, Robert Deng, Binanda Sengupta, Guomin Yang, "Lattice-Based Remote User Authentication from Reusable Fuzzy Signature," *Journal of Computer Security (JCS)*, 29(3): 273-298, IOS Press, 2021.
21. Kai Bu, Avery Laird, Yutian Yang, Linfeng Cheng, Jiaqing Luo, Yingjiu Li, Kui Ren, "Unveiling the Mystery of Internet Packet Forwarding: A Survey of Network Path Validation," *ACM Computing Survey (CSUR)* 53(5): 104:1-104:34, 2020.
22. Shengmin Xu, Jiaming Yuan, Guowen Xu, Yingjiu Li, Ximeng Liu, Yinghui Zhang, Zuobin Ying, "Efficient ciphertext-policy attribute-based encryption with blackbox traceability," *Information Science*, 538: 19-38, 2020.

23. Yangguang Tian, Yingjiu Li, Yi Mu, Guomin Yang, "Unlinkable and Revocable Secret Handshake for IoT," *the Computer Journal (COMPJ)*, 63(4): 536-548, Oxford University Press, 2020.
24. Binanda Sengupta, Yingjiu Li, Yangguang Tian, Robert Deng, "Editing-Enabled Signatures: A New Tool for Editing Authenticated Data," *IEEE Internet of Things (IoT) Journal*, 7(6): 4997-5007, 2020.
25. Binanda Sengupta, Yingjiu Li, Kai Bu, Robert Deng, "Privacy-Preserving Network Path Validation," *ACM Transactions on Internet Technology (TOIT)*, 20(1): 5:1-5:27, 2020.
26. Yangguang Tian, Yingjiu Li, Robert H. Deng, Nan Li, Guomin Yang, Zheng Yang, "A New Construction for Linkable Secret Handshake," *The Computer Journal (COMPJ)*, Oxford Academic, 63(4): 536548, 2020.
27. Yang Yang, Ximeng Liu, Robert H. Deng, Yingjiu Li, "Lightweight Sharable and Traceable Secure Mobile Health System," *IEEE Transactions on Dependable and Secure Computing (TDSC)*, 17(1): 78-91, 2020.
28. Yangguang Tian, Yingjiu Li, Robert Deng, Pengfei Wu, Nan Li, Anyi Liu, "A New Framework for Privacy-Preserving Biometric-Based Remote User Authentication," *Journal of Computer Security (JCS)*, 28(4): 469-498, 2020.
29. Yangguang Tian, Yingjiu Li, Binanda Sengupta, Nan Li, Chunhua Su, "Leakage-resilient biometric-based remote user authentication with fuzzy extractors," *Theoretical Computer Science*, 814: 223-233, 2020.
30. Yangguang Tian, Yingjiu Li, Ximeng Liu, Robert H. Deng, Binanda Sengupta, "Privacy-Preserving Biometric-Based Remote User Authentication," *Journal of Internet Technology (JIT)*, 20(7): 2265-2276, Taiwan Academic Network, 2019.
31. Xingjie Yu, Michael Shiwen Thang, Yingjiu Li, Robert H. Deng, "Collusion Attacks and Fair Time-Locked Deposits for Fast-Payment Transactions in Bitcoin," *Journal of Computer Security (JCS)*, 27(3): 375-403, 2019.
32. Anyi Liu, Huirong Fu, Yuan Hong, Jigang Liu, Yingjiu Li, "LiveForen: Ensuring Live Forensic Integrity in the Cloud," *IEEE Transactions on Information Forensics and Security (TIFS)*, 14(10): 2749-2764, 2019.
33. Yangguang Tian, Yingjiu Li, Guomin Yang, Willy Susilo, Yi Mu, Hui Cui, Yinghui Zhang, "DABKE: Secure Deniable Attribute-Based Key Exchange Framework," *Journal of Computer Security*, 27(2): 259-275, 2019.
34. Ximing Liu, Yingjiu Li, Robert H. Deng, Shujun Li, Bing Chang, "When Human Cognitive Modeling Meets PINs: User-Independent Inter-Keystroke Timing Attacks," *Computers & Security (COSE)*, 80: 90-107, Elsevier, 2019.
35. Bing Chang, Yingjiu Li, Qiongxiao Wang, Wen-Tao Zhu, Robert H. Deng, "Making a Good Thing Better: Enhancing Password/PIN based User Authentication with Smartwatch," *Cybersecurity (CYSE)* 1:7, Springer, 2018.
36. Hui Cui, Robert H. Deng, Joseph K. Liu, Xun Yi, Yingjiu Li, "Server-Aided Attribute-Based Signature with Revocation for Resource-Constrained Industrial-Internet-of-Things Devices," *IEEE Transactions on Industrial Informatics (IND INFORM)*, 14(8): 3724-3732, 2018.
37. Hui Cui, Zhiguo Wan, Robert Deng, Guilin Wang, Yingjiu Li, "Efficient and Expressive Keyword Search Over Encrypted Data in the Cloud," *IEEE Transactions on Dependable and Secure Computing (TDSC)*, 15(3): 409-422, 2018.

38. Yan Li, Yingjiu Li, Ke Xu, Qiang Yan, Robert H. Deng, "Empirical Study of Face Authentication Systems under OSNFD Attacks," *IEEE Transactions on Secure and Dependable Computing (TDSC)*, 15(2): 231-245, 2018.
39. Hui Cui, Robert H. Deng, Yingjiu Li, "Attribute-based cloud storage with secure provenance over encrypted data," *Future Generation Computer Systems (FGCS)*, 79: 461-472, Elsevier, 2018.
40. Bing Chang, Yao Cheng, Bo Chen, Fengwei Zhang, Wen Tao Zhu, Yingjiu Li, Zhan Wang, "User-Friendly Deniable Storage for Mobile Devices," *Computers & Security*, 72(2018): 163-174, Elsevier, 2018.
41. Kai Bu, Yingjiu Li, "Every Step You Take, I'll Be Watching You: Practical StepAuth-entication of RFID Paths," *IEEE Transactions on Information Forensics and Security (TIFS)*, 13(4): 834-849, 2018.
42. Yang Yang, Ximeng Liu, Robert H. Deng, Yingjiu Li, "Lightweight Sharable and Traceable Secure Mobile Health System," *IEEE Transactions on Dependable and Secure Computing (TDSC)*, 17(1): 78-91, 2020 (advance online 2017).
43. Xingjie Yu, Zhan Wang, Yingjiu Li, Liang Li, Wen Tao Zhu, Li Song, "EvoPass: Evolvable Graphical Password against Shoulder-Surfing Attacks," *Computers & Security (COSE)*, 70: 179-198, Elsevier, 2017.
44. Hui Cui, Robert Deng, Yingjiu Li, Guowei Wu, "Attribute-Based Storage Supporting Secure Deduplication of Encrypted Data in Cloud," *IEEE Transaction on Big Data (TBD)*, 5(3): 648-660, 2019 (advance online 2017).
45. Yao Cheng, Yingjiu Li, Robert H. Deng, Lingyun Ying, Wei He, "A Study on a Feasible No-Root Approach on Android," *Journal of Computer Security (JCS)*, 25(3): 231-253, 2017.
46. Ximeng Liu, Baodong Qin, Robert Deng, Yingjiu Li, "An Efficient Privacy-Preserving Outsourced Computation over Public Data," *IEEE Transactions on Services Computing (TSC)*, 10(5): 756-770, 2017.
47. Chunhua Su, Bagus Santoso, Yingjiu Li, Robert H. Deng, Xinyi Huang, "Universally Composable RFID Mutual Authentication," *IEEE Transactions on Dependable and Secure Computing (TDSC)*, 14(1): 83-94, 2017.
48. Daibin Wang, Haixia Yao, Yingjiu Li, Hai Jin, Deqing Zou, Robert H. Deng, "A Secure, Usable, and Transparent Middleware for Permission Managers on Android," *IEEE Transactions on Dependable and Secure Computing (TDSC)*, 14(4): 350-362, 2017.
49. Ke Xu, Yingjiu Li, Robert H. Deng, "ICCDetector: ICC-Based Malware Detection on Android," *IEEE Transactions on Information Forensics and Security (TIFS)*, 11(6): 1252-1264, 2016.
50. Shengli Liu, Junzhuo Lai, Robert Deng, Jian Weng, Yingjiu Li, "CP-ABE with Partially Hidden Access Structure and Its Application to Privacy-Preserving EMR System in Cloud Environment," *Security and Communication Networks (SCN)*, 9 (18): 4897-4913, 2016.
51. Qiang Yan, Jin Han, Yingjiu Li, Jianying Zhou, Robert Deng, "Leakage-Resilient Password Entry: Challenges, Design, and Evaluation," *Computers & Security (COSE)*, 48 (2015): 196-211, Elsevier, 2015.
52. Yan Li, Yingjiu Li, Qiang Yan, Robert Deng, "Privacy Leakage Analysis in Online Social Networks," *Computers & Security (COSE)*, 49: 239-254, Elsevier, 2015.
53. Haibing Lu, Jaideep Vaidya, Vijay Atluri, Yingjiu Li, "Statistical Database Auditing Without Query Denial Threat," *INFORMS Journal on Computing (JOC)*, 27(1): 20-34, 2015 (advance online 2014).

54. Kuo-Hui Yeh, Nai-Wei Lo, Kuo-Yu Tsai, Yingjiu Li, Enrico Winata, "A Novel RFID Tag Identification Protocol: Adaptive n-Resolution and k-Collision Arbitration," *Wireless Personal Communications*, 77(3): 1775-1800, Springer, 2014.
55. Zheran Fang, Weili Han, Yingjiu Li, "Permission Based Android Security: Issues and Countermeasures," *Computers & Security (COSE)*, 43 (2014): 205-218, Elsevier, 2014.
56. Junzuo Lai, Yingjiu Li, Robert H Deng, Qiang Yan, Jian Weng, Chaowen Guan, "Towards Semantically Secure Outsourcing of Association Rule Mining on Categorical Data," *Information Sciences*, 267(267-286), Elsevier, 2014.
57. Chengpo Mu, Meng Yu, Yingjiu Li, Wanyu Zang, "Risk balance defense approach against intrusions for network server," *International Journal of Information Security (IJIS)*, 13(3): 255-269, Springer, 2014.
58. Jie Shi, Yingjiu Li, Robert Deng, "A Secure and Efficient Discovery Service System in EPCglobal Network," *Computers & Security (COSE)*, 31(8), 870-885, Elsevier, 2012.
59. Jie Shi, Yingjiu Li, Wei He, Darren Sim, "SecTTS: A Secure Track & Trace System for RFID-Enabled Supply Chains," *Computers in Industry* 63(2012), 574-585, Elsevier, 2012.
60. Chunhua Su, Yingjiu Li, Yunlei Zhao, Robert H. Deng, Yiming Zhao, Jianying Zhou, "A Survey on Privacy Frameworks for RFID Authentication (invited paper)," *IEICE Transactions on Information and Systems*, 95-D(1), 2-11, 2012.
61. Su Mon Kywe, Jie Shi, Yingjiu Li, Raghuvanshi Kailash, "Evaluation of Different Electronic Product Code Discovery Service Models," *Advances in Internet of Things (AIT)*, 2(2), 37-46, 2012.
62. Yingjiu Li, Robert Deng, Junzuo Lai, Changshe Ma, "On Two RFID Privacy Notions and Their Relations," *ACM Transactions on Information and System Security (TISSEC)*, 14(4), 30:1-23, 2011.
63. Robert Deng, Yingjiu Li, Moti Yung, Yunlei Zhao, "A Zero-Knowledge Based Framework for RFID Privacy," *Journal of Computer Security (JCS)*, 19(6), 1109-1146, 2011.
64. Yingjiu Li, Haibing Lu, "Privacy Risk Assessment with Bounds Deduced from Bounds," *International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems (IJUFKS)*, 19(4), 685-715, 2011.
65. Kuo-Hui Yeh, Chunhua Su, Nai-Wei Lo, Yingjiu Li, Yi-Xiang Hung, "Two Robust Remote User Authentication Protocols Using Smart Cards," *Journal of Systems and Software (JSS)*, 83(2010): 2556-2565, Elsevier, 2010.
66. Shaoying Cai, Yingjiu Li, Tieyan Li, Robert Deng, Haixia Yao, "Achieving High Security and Efficiency in RFID-Tagged Supply Chains," *International Journal of Applied Cryptography (IJACT)*, 2(1): 3-12, 2010.
67. Hasan Cavusoglu, Nan Hu, Yingjiu Li, Dan Ma, "Information Technology Diffusion with Influentials, Imitators, and Opponents: Model and Preliminary Evidence," *Journal of Management Information Systems (JMIS)*, 27(2): 305-334, 2010.
68. Changshe Ma, Jian Weng, Yingjiu Li, Robert Deng, "Efficient Discrete Logarithm Based Multi-Signature Scheme in the Plain Public Key Model," *Design, Codes and Cryptography (DCC)*, 54(2): 121-133, Springer, 2010.
69. Chengpo Mu, Yingjiu Li, "An Intrusion Response Decision-Making Model Based on Hierarchical Task Network Planning," *Expert Systems with Applications (ESA)*, 37(3): 2465-2472, Elsevier, 2010.

70. Pedro Peris-Lopez, Julio C. Hernandez-Castro, Juan M. E. Tapiador, Tiejian Li, Yingjiu Li, "Vulnerability Analysis of RFID Protocols for Tag Ownership Transfer," *Computer Networks*, 54(9): 1502-1508, Elsevier, 2010.
71. Yanjiang Yang, Yingjiu Li, Robert Deng, Feng Bao, "Shifting Inference Control to User Side: Architecture and Protocol," *IEEE Transactions on Dependable and Secure Computing (TDSC)*, 7(2): 189-202, 2009.
72. Nan Hu, Giri K. Tayi, Chengyu Ma, Yingjiu Li, "Certificate Revocation Release Policies," *Journal of Computer Security (JCS)*, 17(2): 127-157, 2009.
73. Nan Hu, Jianhui Huang, Ling Liu, Yingjiu Li, Dan Ma, "Wake up or Fall Asleep – Value Implication of Trusted Computing," *Information Technology and Management (IT&M)*, 10(4): 177-192, Springer, 2009.
74. Kevin Chiew, Yingjiu Li, "Multistage Off-line Permutation Packet Routing on a Mesh: an Approach with Elementary Mathematics," *Journal of Computer Science and Technology (JCST)*, 24(1): 175-180, Springer, 2009.
75. Songtao Guo, Xintao Wu, Yingjiu Li, "Determining Error Bounds for Spectral Filtering Based Reconstruction Methods in Privacy Preserving Data Mining," *Knowledge and Information Systems (KAIS)*, 17(2): 217-240, Springer, 2008.
76. Ling Qiu, Yingjiu Li, Xintao Wu, "Protecting Business Intelligence and Customer Privacy While Outsourcing Data Mining Tasks," *Knowledge and Information Systems (KAIS)*, 17(1): 99-120, Springer, 2008.
77. Yingjiu Li, Huiping Guo, Shuhong Wang, "A Multiple Bits Watermark for Relational Data," *Journal of Database Management (JDM)*, 19(3): 1-21, 2008.
78. Haibing Lu, Yingjiu Li, "Practical Inference Control for Data Cubes," *IEEE Transactions on Dependable and Secure Computing (TDSC)*, 5(2): 87-98, 2008.
79. Lingyu Wang, Yingjiu Li, Sushil Jajodia, Duminda Wijesekera, "Parity-Based Inference Control for Multi-Dimensional Range Sum Queries," *Journal of Computer Security (JCS)*, 15(5): 417-445, 2007.
80. Ling Qiu, Yingjiu Li, Xintao Wu, "Preserving Privacy in Association Rule Mining with Bloom Filters," *Journal of Intelligent Information Systems (JIIS)*, 29(3): 253-278, Springer, 2007.
81. Huiping Guo, Yingjiu Li, Sushil Jajodia, "Chaining Watermarks for Detecting Malicious Modifications to Streaming Data," *Information Sciences*, 177(1): 281-298, Elsevier, 2007.
82. Yingjiu Li, Sencun Zhu, X. Sean Wang, Sushil Jajodia, "Looking into the Seeds of Time: Discovering Temporal Patterns in Large Transaction Sets," *Information Sciences*, 176(10): 1003-1031, Elsevier, 2006.
83. Huiping Guo, Yingjiu Li, Anyi Liu, Sushil Jajodia, "A Fragile Watermarking Scheme for Detecting Malicious Modifications of Database Relations," *Information Sciences*, 176(8): 1350-1378, Elsevier, 2006.
84. Yingjiu Li, Vipin Swarup, Sushil Jajodia, "Fingerprinting Relational Databases: Schemes and Specialties," *IEEE Transactions on Dependable and Secure Computing (TDSC)*, 2(1): 34-45, 2005.
85. Yingjiu Li, Xinwen Zhang, "Securing Credit Card Transactions with One-Time Payment Scheme," *Electronic Commerce Research and Applications (ECRA)*, 4(4): 413-426, Elsevier, 2005.

86. Yingjiu Li, Peng Ning, X. Sean Wang, Sushil Jajodia, “Discovering Calendar-based Temporal Association Rules,” *Journal of Data and Knowledge Engineering (DKE)*, 44(2): 193-218, Elsevier, 2003.
87. Yingjiu Li, Ningning Wu, X. Sean Wang, Sushil Jajodia, “Enhancing Profiles for Anomaly Detection Using Time Granularities,” *Journal of Computer Security (JCS)*, 10(1,2): 137-157, 2002.

Refereed Conference Publications

1. Nan Li, Yingjiu Li, Atsuko Miyaji, Yangguang Tian, Tsz Hon Yuen “A Practical Forward-Secure DualRing” accepted by the 22nd International Conference on Cryptology and Network Security (CANS), Augusta, Georgia, USA, October 31 - November 2, 2023.
2. Jiaming Yuan, Yingjiu Li, Jianting Ning, Robert Deng, “M-EDESE: Multi-Domain, Easily Deployable, and Efficiently Searchable Encryption,” the 17th International Conference on Information Security Practice and Experience (ISPEC), 606-623, Taipei, Taiwan, November 23 - 25, 2022.
3. Bowen Zhao, Yingjiu Li, Ximeng Liu, Hwee Hwa Pang, Robert Deng, “FREED: An Efficient Privacy-Preserving Solution for Person Re-Identification,” the 5th IEEE Conference on Dependable and Secure Computing (IEEE DSC), 1-8, Edinburgh, UK, June 22 - 24, 2022 (**Best Paper Award**).
4. Li Song, Qiongxiao Wang, Jingqiang Lin, Yingjiu Li, Shijie Jia, “Approach then connect: A Physical Location-based Wi-Fi Password Dynamic Update Scheme,” IEEE Wireless Communications and Networking Conference (WCNC), 1010 - 1015, Austin, TX, USA, April 10-13, 2022.
5. Jianting Ning, Xinyi Huang, Geong Sen Poh, Jiaming Yuan, Yingjiu Li, Jian Weng, Robert H. Deng, “LEAP: Leakage-Abuse Attack on Efficiently Deployable, Efficiently Searchable Encryption with Partially Known Dataset,” the 27th ACM Conference on Computer and Communications Security (CCS), 2307-2320, Seoul, South Korea, November 14-19, 2021.
6. Ximing Liu, Yingjiu Li, Robert H. Deng, “UltraPIN: Inferring PIN Entries via Ultrasound,” the 16th ACM Asia Conference on Computer and Communications Security (ACM ASIACCS), 944-957, Hong Kong, June 7-11, 2021.
7. Jiayun Xu, Yingjiu Li, Robert Deng, “Differential Training: A Generic Framework to Reduce Label Noises for Android Malware Detection,” the 28th Network and Distributed System Security Symposium (NDSS), February 21-24, 2021.
8. Yangguang Tian, Nan Li, Yingjiu Li, Pawel Szalachowski, Jianying Zhou, “Policy-Based Chameleon Hash for Blockchain Rewriting with Black-Box Accountability,” the 36th Annual Computer Security Applications Conference (ACSAC), 813-828, Austin, Texas, December 7-11, 2020.
9. Tao Xue, Yu Wen, Bo Luo, Boyang Zhang, Yang Zheng, Yanfei Hu, Yingjiu Li, Gang Li, Dan Meng, “GuardSpark++: Fine-Grained Purpose-Aware Access Control for Secure Data Sharing and Analysis in Spark,” the 36th Annual Computer Security Applications Conference (ACSAC), 582-596, Austin, Texas, December 7-11, 2020.
10. Shengmin Xu, Jiaming Yuan, Yingjiu Li, Ximeng Liu, Yinghui Zhang, “Super Payment Channel for Decentralized Cryptocurrencies,” IEEE Conference on Dependable and Secure Computing (DSC), 1-8, Hangzhou, China, November 18-20, 2019.
11. Yangguang Tian, Yingjiu Li, Binanda Sengupta, Nan Li, Yong Yu, “Anonymous Asynchronous Payment Channel from K-Time Accountable Assertion (short paper),” the 18th International Conference on Cryptology and Network Security (CANS), 512-524, Fuzhou, China, October 25-27, 2019.

12. Shengmin Xu, Yingjiu Li, Ximeng Liu, Guomin Yang, Yinghui Zhang, "Generic Construction of ElGamal-Type Attribute-Based Encryption Schemes with Revocability and Dual-Policy," the 15th EAI International Conference on Security and Privacy in Communication Networks (SecureComm), 184-204, Orlando, United States, October 23-25, 2019.
13. Yan Li, Zilong Wang, Yingjiu Li, Robert H. Deng, Binbin Chen, Weizhi Meng, Hui Li, "A Closer Look Tells More: A Facial Distortion Based Liveness Detection for Face Authentication (short paper)," *the 14th ACM Asia Conference on Information, Computer and Communications Security (ASIACCS)*, 241-246, Auckland, New Zealand, July 7-12, 2019.
14. Ke Xu, Yingjiu Li, Robert H. Deng, Kai Chen, Jiayun Xu, "DroidEvolver: Self-Evolving Android Malware Detection System," *the 4th IEEE European Symposium on Security and Privacy (EuroS&P)*, 47-62, Stockholm, Sweden, June 17-19, 2019.
15. Pamela Hui Ting Chua, Yingjiu Li, Wei He, "Adopting Hyperledger Fabric Blockchain for EPCglobal Network," *the 13th Annual International Conference on RFID (IEEE RFID)*, 1-8, Phoenix, Arizona, April 2-4, 2019.
16. Yangguang Tian, Yingjiu Li, Binanda Sengupta, Robert Deng, Weiwei Liu, Albert Ching, "Privacy-Preserving Remote User Authentication with k-time Untraceability (short paper)," *the 14th International Conference on Information Security and Cryptology (Inscrypt)*, 647-657, Fuzhou, China, December 14-16, 2018.
17. Ximing Liu, Yingjiu Li, Robert H. Deng, "Typing-Proof: Usable, Secure and Low-Cost Two-Factor Authentication Based On Keystroke Timings," *2018 Annual Computer Security Applications Conference (ACSAC)*, 53-65, San Juan, Puerto Rico, December 3-7, 2018.
18. Yangguang Tian, Yingjiu Li, Ximeng Liu, Robert H. Deng, Binanda Sengupta, "PriBioAuth: Privacy-Preserving Biometric-Based Remote User Authentication," *2018 IEEE Conference on Dependable and Secure Computing (DSC)*, 82-89, Kaohsiung, Taiwan, December 10-13, 2018.
19. Yangguang Tian, Yingjiu Li, Yinghui Zhang, Nan Li, Guomin Yang, Yong Yu, "DSH: Deniable Secret Handshake Framework (short paper)," *the 14th International Conference on Information Security Practice and Experience (ISPEC)*, 341-353, Tokyo, Japan, September 25-27, 2018.
20. Yangguang Tian, Yingjiu Li, Rongmao Chen, Nan Li, Ximeng Liu, Bing Chang, Xingjie Yu, "Privacy-Preserving Biometric-Based Remote User Authentication With Leakage Resilience," *2018 International Conference on Security and Privacy in Communication Networks (SecureComm)*, 112-132, Singapore, August 8-10, 2018.
21. Bing Chang, Fengwei Zhang, Bo Chen, Yingjiu Li, Wen-Tao Zhu, Yangguang Tian, Zhan Wang, Albert Ching, "MobiCeal: Towards Secure and Practical Plausibly Deniable Encryption on Mobile Devices," *the 48th IEEE/IFIP International Conference on Dependable Systems and Networks (DSN)*, 454-465, Luxembourg City, Luxembourg, June 25-28, 2018.
22. Ke Xu, Yingjiu Li, Robert H. Deng, Kai Chen, "DeepRefiner: Multi-layer Android Malware Detection System Applying Deep Neural Networks," *the 3rd IEEE European Symposium on Security and Privacy (EuroS&P)*, 473-487, London, UK, April 24-26, 2018.
23. Daoyuan Wu, Yao Cheng, Debin Gao, Yingjiu Li, Robert H. Deng, "SCLib: A Practical and Lightweight Defense against Component Hijacking in Android Applications (short paper)," *the 8th ACM Conference on Data and Application Security and Privacy (CODASPY)*, 299-306, Tempe, AZ, USA, March 19-21, 2018.
24. Xingjie Yu, Michael Thang Shiwen, Yingjiu Li, Robert H. Deng, "Fair Deposits against Double-Spending for Bitcoin Transactions," *2017 IEEE Conference on Dependable and Secure Computing (DSC)*, 44-51, Taipei, Taiwan, August 7 - 10, 2017.

25. Hui Cui, Robert H. Deng, Joseph Liu, Yingjiu Li, "Attribute-Based Encryption with Expressive and Authorized Keyword Search," *the 22nd Australasian Conference on Information Security and Privacy (ACISP)*, 106-126, Auckland, New Zealand, July 3-5, 2017.
26. Bing Chang, Ximing Liu, Yingjiu Li, Pingjian Wang, Wen Tao Zhu, Zhan Wang, "Employing Smart-watch for Enhanced Password Authentication," *the 12th International Conference on Wireless Algorithms, Systems, and Applications (WASA)*, 691-703, Guilin, China, June 19-21, 2017.
27. Yan Li, Yao Cheng, Yingjiu Li, Robert H. Deng, "What you see is not what you get: Leakage-resilient password entry schemes for smart glasses (short paper)," *ACM Asia Conference on Computer and Communications Security (AsiaCCS)*, 327-333, Abu Dhabi, UAE, April 2-6, 2017.
28. Su Mon Kywe, Yingjiu Li, Kunal Patel, Michael Grace, "Attacking Android Smartphone Systems without Permissions," *the 14th Annual Conference on Privacy, Security and Trust (PST)*, 147-156, Auckland, New Zealand, December 12-14, 2016.
29. Su Mon Kywe, Yingjiu Li, Jason Hong, Yao Cheng, "Dissecting Developer Policy Violating Apps: Characterization and Detection," *the 11th IEEE International Conference on Malicious and Unwanted Software (MALWARE)*, 10-19, Fajardo, Puerto Rico, October 18-21, 2016.
30. Hongbing Wang, Yingjiu Li, Zongyang Zhang, Yunlei Zhao, "Efficient Tag Path Authentication Protocol with Less Tag Memory," *the 12th International Conference on Information Security Practice and Experience (ISPEC)*, 255-270, Zhangjiajie, China, November 16-18, 2016.
31. Hui Cui, Robert H. Deng, Xuhua Ding and Yingjiu Li, Attribute-Based Encryption with Granular Revocation, *the 12th EAI International Conference on Security and Privacy in Communication Networks (SecureComm)*, 165-181, Guangzhou, China, October 10-12, 2016.
32. Hui Cui, Robert H. Deng, Yingjiu Li, Baodong Qin, "Server-Aided Revocable Attribute-Based Encryption," *the 21st European Symposium on Research in Computer Security (ESORICS)*, 570-587, Crete, Greece, September 26-30, 2016.
33. Yao Cheng, Yingjiu Li, Robert H. Deng, "A Feasible No-Root Approach on Android (short paper)," *the 21st Australasian Conference on Information Security and Privacy (ACISP)*, 481-489, Melbourne, Australia, July 4-6, 2016.
34. Yan Li, Yingjiu Li, Qiang Yan, Hancong Kong, Robert H. Deng, "Seeing Your Face is Not Enough: An Inertial Sensor-Based Liveness Detection for Face Authentication," *the 22nd ACM Conference on Computer and Communications Security (CCS)*, 1558-1569, Denver, US, October 12-16, 2015.
35. Baodong Qin, Robert H. Deng, Yingjiu Li, Shengli Liu, "Server-Aided Revocable Identity-Based Encryption," *the 20th European Symposium on Research in Computer Security (ESORICS)*, 286-304, Vienna, Austria, September 21-25, 2015.
36. Daibin Wang, Haixia Yao, Yingjiu Li, Hai Jin, Deqing Zou, Robert H. Deng, "CICC: A Fine-Grained, Semantic-Aware, and Transparent Approach to Preventing Permission Leaks for Android Permission Managers (short paper)," *the 8th ACM Conference on Security and Privacy in Wireless and Mobile Networks (WISEC)*, 6:1-6:6, New York City, USA, June 24 - 26, 2015.
37. Su Mon Kywe, Yingjiu Li, Robert Deng, Jason Hong, "Detecting Camouflaged Applications On Mobile Application Markets," *the 17th Annual International Conference on Information Security and Cryptology (ICISC)*, 241-254, Seoul, Korea, December 3-5, 2014.
38. Jie Shi, Junzhuo Lai, Yingjiu Li, Robert Deng, Jian Weng, "Authorized Keyword Search on Encrypted Data," *the 19th European Symposium on Research in Computer Security (ESORICS)*, 419-435, Wroclaw, Poland, September 7-11, 2014.

39. Gaurang Torvekar, Yingjiu Li, “AnonEPC - Making the Querying User Anonymous in EPCglobal Network,” *IEEE International Conference on RFID Technology and Applications (RFID-TA)*, 289-294, Tampere, Finland, September 8-9, 2014.
40. Yan Li, Ke Xu, Qiang Yan, Yingjiu Li, Robert H. Deng, “Understanding OSN-Based Facial Disclosure against Face Authentication Systems,” *the 9th ACM Symposium on Information, Computer and Communications Security (AsiaCCS)*, 239-248, Kyoto, Japan, June 4-6, 2014.
41. Junzuo Lai, Robert Deng, Yingjiu Li, Jian Weng, “Fully Secure Key-Policy Attribute-Based Encryption with Constant-Size Ciphertexts and Fast Decryption,” *the 9th ACM Symposium on Information, Computer and Communications Security (AsiaCCS)*, 413-423, Kyoto, Japan, June 4-6, 2014.
42. Jie Shi, Su Mon Kywe, Yingjiu Li, “Batch Clone Detection for RFID-enabled Supply Chain,” *the 8th Annual IEEE International Conference on RFID (IEEE RFID)*, 154-161, Orlando, Florida, USA, April 8-10, 2014.
43. Su Mon Kywe, Yingjiu Li, Jie Shi, “Attack and Defense Mechanisms of Malicious EPC Event Injection in EPC Discovery Service,” *IEEE International Conference on RFID Technology and Applications (RFID-TA)*, 1-6, Johor Bahru, Malaysia, September 4-5, 2013.
44. Jin Han, Su Mon Kywe, Qiang Yan, Feng Bao, Robert Deng, Debin Gao, Yingjiu Li, Jianying Zhou, “Launching Generic Attacks on iOS with Approved Third-Party Applications,” *the 11th International Conference on Applied Cryptography and Network Security (ACNS)*, 272-289, Alberta, Canada, June 25-28, 2013.
45. Junzuo Lai, Xuhua Zhou, Robert Deng, Yingjiu Li, Kefei Chen, “Expressive Search on Encrypted Data,” *the 8th ACM Symposium on Information, Computer and Communications Security (AsiaCCS)*, 243-252, Hangzhou, China, May 7-10, 2013.
46. Qiang Yan, Jin Han, Yingjiu Li, Jianying Zhou, Robert Deng, “Designing Leakage Resilience of Password Entry on Touchscreen Mobile Devices,” *the 8th ACM Symposium on Information, Computer and Communications Security (AsiaCCS)*, 37-48, Hangzhou, China, May 7-10, 2013.
47. Divyan Konidala, Robert Deng, Yingjiu Li, Hoong Chuin Lau, Stephen Fienberg, “Anonymous Authentication of Visitors for Mobile Crowd Sensing at Amusement Parks,” *the 9th Information Security Practice and Experience Conference (ISPEC)*, 174-188, Lanzhou, China, May 12-14, 2013.
48. Yan Li, Yingjiu Li, Qiang Yan, Robert Deng, “Think twice before you share: Analyzing privacy leakage under privacy control in online social network (short paper),” *the 7th International Conference on Network and System Security (NSS)*, 671-677, Madrid, Spain, June 3-4, 2013.
49. Shaoying Cai, Robert Deng, Yingjiu Li, Yunlei Zhao, “A New Framework for Privacy of RFID Path Authentication,” *the 10th International Conference on Applied Cryptography and Network Security (ACNS)*, 473-488, Singapore, June 26-29, 2012.
50. Shaoying Cai, Yingjiu Li, Yunlei Zhao, “Distributed Path Authentication for Dynamic RFID-Enabled Supply Chains,” *the 27th IFIP International Information Security and Privacy Conference (SEC)*, 501-512, Heraklion, Crete, Greece, June 4-6, 2012 (**Nomination for Best Student Paper Award**).
51. Junzuo Lai, Robert Deng, Yingjiu Li, “Expressive CP-ABE with Partially Hidden Access Structures,” *the 7th ACM Symposium on Information, Computer and Communications Security (AsiaCCS)*, Seoul, South Korea, May 1-3, 2012.
52. Hongbing Wang, Yingjiu Li, Zongyang Zhang, Zhenfu Cao, “Two-level Path Authentication in EPCglobal Network,” *the 6th Annual IEEE International Conference on RFID (IEEE RFID)*, 24-31, Orlando, Florida, April 3-5, 2012.

53. Jie Shi, Darren Sim, Yingjiu Li, Robert Deng, "SecDS: A Secure EPC Discovery Services System in EPCglobal Network (short paper)," *the 2nd ACM Conference on Data and Application Security and Privacy (CODASPY)*, 267-274, San Antonio, TX, USA, February 7-9, 2012.
54. Qiang Yan, Jin Han, Yingjiu Li, Robert Deng, "On Limitations of Designing Usable Leakage-Resilient Password Systems: Attacks, Principles and Usability," *the 19th Network & Distributed System Security Symposium (NDSS)*, San Diego, California, USA, February 5-8, 2012 (**Distinguished Paper Award**).
55. Tiewan Li, Yingjiu Li, Guilin Wang, "Secure and Practical Key Distribution for RFID-Enabled Supply Chains," *the 7th International ICST Conference on Security and Privacy in Communication Networks (SecureComm)*, 356-372, London, UK, September 7-9, 2011.
56. Junzuo Lai, Robert Deng, Yingjiu Li, "Fully Secure Cipertext-Policy Hiding CP-ABE," *the 7th Information Security Practice and Experience Conference (ISPEC)*, 24-39, Guangzhou, China, May 30-June 1, 2011.
57. Qiang Yan, Jin Han, Yingjiu Li, Robert Deng, Tiewan Li, "A Software-Based Root-of-Trust Primitive on Multicore Platforms," *the 6th ACM Symposium on Information, Computer and Communications Security (AsiaCCS)*, 334-343, Hong Kong, March 22-24, 2011.
58. Shaoying Cai, Chunhua Su, Yingjiu Li, Robert Deng, Tiewan Li, "Protecting and Restraining the Third Party in RFID-Enabled 3PL Supply Chains," *the 6th International Conference on Information Systems Security (ICISS)*, 246-260, Gandhinagar Gujarat, India, December 15-19, 2010.
59. Kevin Chiew, Yingjiu Li, Tiewan Li, Robert Deng, Manfred Aigner, "Time Cost Evaluation for Executing RFID Authentication Protocols," *Internet of Things Conference (IOT)*, C17:1-8, Tokyo, Nov 29-Dec 1, 2010.
60. Robert H. Deng, Yingjiu Li, Moti Yung, Yunlei Zhao, "A New Framework for RFID Privacy," *the 15th European Symposium on Research in Computer Security (ESORICS)*, 1-18, Athens, Greece, September 20-22, 2010.
61. Bing Liang, Kevin Chiew, Yingjiu Li, Yanjiang Yang, "Privacy Disclosure Analysis and Control for 2D Contingency Tables Containing Inaccurate Data," *Privacy in Statistical Databases (PSD)*, 1-16, Corfu, Greece, September 22-24, 2010.
62. Junzuo Lai, Robert H. Deng, Yingjiu Li, "Revisiting Unpredictability-Based RFID Privacy Models," *the 8th International Conference on Applied Cryptography and Network Security (ACNS)*, 475-492, Beijing, China, June 22-25, 2010.
63. Changshe Ma, Yingjiu Li, Robert Deng, Tiewan Li, "RFID Privacy: Relation Between Two Notions, Minimal Condition, and Efficient Construction," *the 16th ACM Conference on Computer and Communications Security (CCS)*, 54-65, Chicago, US, November 9-13, 2009.
64. Yanjiang Yang, Yingjiu Li, Jian Weng, Jianying Zhou, Feng Bao, "Self-Enforcing Private Inference Control," *Provable Security, Second International Conference (ProvSec)*, 260-274, Guangzhou, China, November 11-13, 2009.
65. Bing Liang, Yingjiu Li, Changshe Ma, Tiewan Li, Robert Deng, "On Untraceability of Anonymous RFID Authentication Protocol with Constant Key-Lookup," *the 5th International Conference on Information Systems Security (ICISS)*, 71-85, Kolkata, India, December 14-18, 2009.
66. Shaoying Cai, Tiewan Li, Changshe Ma, Yingjiu Li, Robert Deng, "Enabling Secure Secret Updating for Unidirectional Key Distribution in RFID-Enabled Supply Chains," *the 11th International Conference on Information and Communications Security (ICICS)*, 150-164, Beijing, China, December 14-17, 2009.

67. Ge Fu, Hong Zhu, Yingjiu Li, "A Robust Damage Assessment Model for Corrupted Database Systems," *the 5th International Conference on Information Systems Security (ICISS)*, 237-251, Kolkata, India, December 14-18, 2009.
68. Shaoying Cai, Tiejian Li, Yingjiu Li, Robert Deng, "Ensuring Dual Security Modes in RFID-Enabled Supply Chain Systems," *the 5th Information Security Practice and Experience Conference (ISPEC)*, 372-383, Xi'an, China, April 13-15, 2009.
69. Shaoying Cai, Yingjiu Li, Tiejian Li, Robert Deng, "Attacks and Improvements to an RFID Mutual Authentication Protocol (short paper)," *the 2nd ACM Conference on Wireless Network Security (WISEC)*, 51-58, Zurich, Switzerland, March 16-18, 2009.
70. Haibing Lu, Yingjiu Li, Jaideep Vaidya, Vijay Atluri, "An Efficient Online Auditing Approach to Limit Private Data Disclosure," *the 12th International Conference on Extending Database Technology (EDBT)*, 636-647, Saint-Petersburg, Russia, March 23-26, 2009.
71. Yingjiu Li, Haibing Lu. "Disclosure Analysis and Control in Statistical Databases," *the 13th European Symposium on Research in Computer Security (ESORICS)*, 146-160, Malaga, Spain, October 6-8, 2008.
72. Daryl Walleck, Yingjiu Li, Shouhuai Xu, "Empirical Analysis of Certificate Revocation Lists," *the 22nd Annual IFIP WG 11.3 Working Conference on Data and Applications Security (DBSec)*, 159-174, London, UK., July 13-16, 2008.
73. Yanjiang Yang, Yingjiu Li, Robert Deng, "New Paradigm of Inference Control with Trusted Computing," *the 21st Annual IFIP WG 11.3 Working Conference on Data and Applications Security (DBSec)*, 243-258, Redondo Beach, CA, USA, July 8-11, 2007.
74. Yingjiu Li, Xuhua Ding, "Protecting RFID Communications in Supply Chains," *2007 ACM Symposium on Information, Computer and Communications Security (AsiaCCS)*, 234-241, Singapore, March 20-22, 2007.
75. Haibing Lu, Yingjiu Li, Xintao Wu "Disclosure Analysis for Two-Way Contingency Tables," *Privacy in Statistical Databases (PSD)*, 57-67, Rome, December 13-15, 2006.
76. Haibing Lu, Yingjiu Li, Xintao Wu, "Disclosure Risk in Dynamic Two-Dimensional Contingency Tables (extended abstract)," *the 2nd International Conference on Information System Security (ICISS)*, 349-352, Kolkata, India, December 17-21, 2006.
77. Songtao Guo, Xintao Wu, Yingjiu Li, "On the Lower Bound of Reconstruction Error for Spectral Filtering," *the 10th European Conference on Principles and Practice of Knowledge Discovery in Databases (PKDD)*, 520-527, Berlin, Germany, September 18-22, 2006.
78. Jie Guo, Yingjiu Li, Robert Deng, Kefei Chen, "Rights Protection for Data Cubes," *the 9th Information Security Conference (ISC)*, 359-372, Samos Island, Greece, August 30-September 2, 2006.
79. Chengyu Ma, Nan Hu, Yingjiu Li, "On the Release of CRLs in Public Key Infrastructure," *the 15th USENIX Security Symposium*, 17-28, Vancouver, Canada, July 31-August 4, 2006.
80. Yingjiu Li, Haibing Lu, Robert H. Deng, "Practical Inference Control for Data Cubes (extended abstract)," *IEEE Symposium on Security and Privacy (Oakland)*, 115-120, Oakland, CA, May 21-24, 2006.
81. Yingjiu Li, Robert Deng, "Publicly Verifiable Ownership Protection for Relational Databases," *the 1st ACM Symposium on Information, Computer, and Communication Security (AsiaCCS)*, 78-89, Taipei, Taiwan, March 2006.

82. Xintao Wu, Songtao Guo, Yingjiu Li, "Towards Value Disclosure Analysis in Modeling General Databases," *the 21st ACM Symposium on Applied Computing (SAC)*, 617-621, Dijon, France, April 2006.
83. Xintao Wu, Ying Wu, Yongge Wang, Yingjiu Li, "Privacy Aware Market Basket Data Set Generation: A Feasible Approach for Inverse Frequent Set Mining," *2005 SIAM International Conference on Data Mining (SDM)*, 103-114, Newport Beach, CA, USA, April 2005.
84. Xinwen Zhang, Yingjiu Li, Divya Nalla, "An Attribute-Based Access Matrix Model," *the 20th ACM Symposium on Applied Computing (SAC)*, 359-363, Santa Fe, New Mexico, USA, March 2005.
85. Yingjiu Li, Huiping Guo, Sushil Jajodia, "Tamper Detection and Localization for Categorical Data Using Fragile Watermarks," *ACM Workshop on Digital Rights Management (DRM)*, 73-82, Washington, D.C., USA, October 2004.
86. Yingjiu Li, Vipin Swarup, Sushil Jajodia, "Defending against Additive Attacks with Maximal Errors in Watermarking Relational Databases," *the 18th Annual IFIP WG 11.3 Working Conference on Data and Applications Security (DBSec)*, 81-94, Sitges, Spain, July 2004.
87. Lingyu Wang, Yingjiu Li, Duminda Wijesekera, Sushil Jajodia, "Precisely Answering Multi-dimensional Range Queries without Privacy Breach," *European Symposium on Research in Computer Security (ESORICS)*, 100-115, Gjøvik, Norway, October 2003.
88. Yingjiu Li, Vipin Swarup, Sushil Jajodia, "Constructing a Virtual Primary Key for Fingerprinting Relational Data," *ACM Workshop on Digital Rights Management (DRM)*, 133-141, Washington D.C., USA, October 2003.
89. Yingjiu Li, Lingyu Wang, X. Sean Wang, Sushil Jajodia, "Auditing Interval-based Inference," *the 14th Conference on Advanced Information Systems Engineering (CAiSE)*, 553-567, Toronto, Canada, May 2002.
90. Yingjiu Li, Sencun Zhu, Lingyu Wang, Sushil Jajodia, "A Privacy Enhanced Microaggregation Method," *the 2nd International Symposium on Foundations of Information and Knowledge Systems (FoIKS)*, 148-159, Salzau Castle, Germany, February 2002.
91. Yingjiu Li, Lingyu Wang, Sushil Jajodia, "Preventing Interval-Based Inference by Random Data Perturbation," *the 2nd International Workshop on Privacy Enhancing Technologies (PET)*, 160-170, San Francisco, CA, USA, April 2002.
92. Yingjiu Li, Peng Ning, X. Sean Wang, Sushil Jajodia, "Discovering Calendar-Based Temporal Association Rules," *the 8th International Symposium on Temporal Representation and Reasoning (TIME)*, 111-118, Cividale, Italy, June 2001.

Authored Books

1. Yingjiu Li, Qiang Yan, Robert H. Deng, "Leakage Resilient Password Systems," 64 pages, *Springer Briefs in Computer Science*, Springer, 2015.
2. Yingjiu Li, Robert H. Deng, Elisa Bertino, "RFID Security and Privacy," 158 pages, *Synthesis Lectures on Information Security, Privacy, & Trust*, Morgan & Claypool, 2013.

Patents

1. Sushil Jajodia, Huiping Guo, Yingjiu Li, "Fragile Watermarks," *United States Patent 20060095775* granted in June 2010. <http://www.freepatentsonline.com/y2006/0095775.html>

2. Sushil Jajodia, Huiping Guo, Yingjiu Li, “Method and Apparatus for Watermarking Stream Data,” *United States Patent* 20060277410 granted in May 2010. <http://www.freepatentsonline.com/y2006/0277410.html>.
3. Ximing Liu, Robert H. Deng, Yingjiu Li, “Systems and Methods for Two-Factor Authentication,” Singapore patent filed by Singapore Management University, March 2018 (Singapore Patent Application No. 10201801032U). Approved April 23, 2021.

Technical Contributions to Industry

1. **Android Security Flaws (Google 2016):** A series of Android framework vulnerabilities (unprotected APIs) and attacks on Android 5.1.0 and 4.4.4 (including CVE-2016-0831) discovered by Su Mon Kywe, Yingjiu Li, Teyan Li, and Yongzheng Wu were reported to Google in 2015 and 2014, respectively. The findings were acknowledged by Google in its Nexus Security Bulletin - March 2016 (<https://source.android.com/security/bulletin/2016-03-01.html>).
2. **iOS Security Flaws (Apple 2013):** A series of iOS framework vulnerabilities (private APIs) and attacks on iOS 5 and iOS 6 (including CVE-2013-0957, CVE-2013-5156, CVE-2013-5157) discovered by Jin Han, Qiang Yan, Su Mon Kywe under the supervision of Yingjiu Li, Robert Deng, Debin Gao, Jianying Zhou, and Feng Bao were reported to Apple’s security team and rectified by Apple in its release of iOS 7 in September 2013 (<http://support.apple.com/kb/HT5934>). The findings were recorded in the paper titled “Launching Generic Attacks on iOS with Approved Third-Party Applications,” authored by Jin Han, Su Mon Kywe, Qiang Yan, Feng Bao, Robert Deng, Debin Gao, Yingjiu Li, Jianying Zhou, and published in *the 11th International Conference on Applied Cryptography and Network Security (ACNS)*, 272-289, Alberta, Canada, June 25-28, 2013.
3. **Secure RFID Track and Trace (Makino Asia Pte. Ltd. 2013):** Consultancy on RFID security was provided to Singapore Institute of Manufacturing Technology (SIMTech) for SIMTech track&solution developed for a company (Makino) in Singapore from November 2012 to February 2013.

Selected Professional Services

- **Conference Program Committees:** CCS (2013, 2018), Oakland (2007-2008, 2014), ESORICS (2008, 2013, 2015-2020), AsiaCCS (2007, 2009-2011, 2013-2016), SecureComm (2010, 2016-2017, 2021), ICDCS (2014), SACMAT (2016), ACNS (2010, 2013, 2019-2020), DBSec (2010-2013, 2016, 2017, 2019-2022), SEC (2018, 2020-2021), ICISC (2005-2009), ICICS (2006-2011, 2013, 2015), ICISS (2005-2006, 2011, 2013-2014, 2016), ISPEC (2010-2011, 2013-2016, 2018-2019, 2022), CANS (2019), ISC (2011), Inscrypt (2008, 2012, 2015-2018), IEEE-CNS (2013), ACISP (2016, 2022, 2023, 2024), NSS (2011-2012, 2023), ProvSec (2016), DSC (2018), CANS (2019), WPES (2007, 2011, 2016), RFIDSec (2013-2014), ACM CCSW (2014), SciSec (2022-2023), S&P-FL (2023).
- **Conference Organization Committees:** CCS (Tutorial Co-Chair 2014), SecureComm (General Chair 2018), AsiaCCS (Publicity and Publication Chair 2007), IEEE-CNS (Publicity Co-Chair 2013), RFIDsec Asia (General Co-Chair 2013, Program Committee Chair 2010, 2012, 2014), DBSec (Program Committee Chair 2011), ICNSBT (International advisory committee member, 2024)
- **Editorial Board Member:** IEEE Transactions on Dependable and Secure Computing (TDSC), IEEE, 2021 Feb - present; IEEE Transactions on Reliability (TRel), IEEE, 2022 July - present.

School Services and Committees

- Director, Center for Cyber Security and Privacy (CCSP), University of Oregon, January 2023 - September 2023.

- Director of Graduate Studies, Department of Computer Science, University of Oregon, September 2022 - June 2023.
- Jun Li, Yingjiu Li, Reza Rejaie, Proposal for University of Oregon Bachelor's Degree in Cybersecurity, June 2022. This degree program was approved and launched in September 2023.
- Joint Recruiting Committee for Tenure-Track Faculty in Biomedical Data Science, CIS and Math, University of Oregon, October 2021 - March 2022
- Undergraduate Education Committee (UEC), Department of Computer and Information Science, University of Oregon, September 2021 - August 2022.
- Graduate Education Committee (GEC), Department of Computer Science, University of Oregon, October 2020 - September 2021; September 2022 - present.
- Curriculum Committee (CC), Department of Computer Science, University of Oregon, October 2020 - September 2021; September 2022 - present.
- Information Security and Privacy Governance Subcommittee (ISP GC), University of Oregon, October 2020 - present.
- Committee on Sexual and Gender Based Violence, University of Oregon, May 2020 - April 2023.

Recent Talks

- Keynote talk: Accountable Blockchain Rewriting, International Conference on Network Security and Blockchain Technology (ICNSBT 2021), Kolkata, India, December 2-4, 2021.
- Keynote talk: Robust Android Malware Detection, *Information Security Conference (ISC)*, Bali (Indonesia), 16 - 20 December 2020
- Spitfire talk: Blockchain Rewriting Made Fine-Grained and Accountable, Ripple University Blockchain Research Initiative (UBRI) Connect, October 10-13, 2020.
- Research talk: From Password to Face Biometrics: Attacks and Defences, *Android Security Local Research Day (ASLR-D)* at Google, Sunnyvale, CA, October 25, 2018.

Honors and Awards

- Best Paper Award, *the 5th IEEE Conference on Dependable and Secure Computing (IEEE DSC)*, Edinburgh, UK, June 22 - 24, 2022.
- 2021 UBRI Educator Award, Ripple's University Blockchain Research Initiative (UBRI), UBRI Connect 2021, October 11 - 12, 2021.
- Ripple Professorship, University of Oregon, December 2019 - present.
- Lee Kong Chian Fellowship, *Singapore Management University*, July 1, 2018 - June 30, 2020.
- Long Service Award in Recognition of Fifteen Years of Dedicated Service, *Singapore Management University*, September 2018.
- Lee Kong Chian Fellowship under the School of Information Systems, *Singapore Management University*, January 1 - December 31, 2015.
- Distinguished Paper Award, *the 19th Network & Distributed System Security Symposium (NDSS 2012)*, San Diego, California, USA, February 5-8, 2012.

- George Mason University Office of Technology Transfer 2010 Awards, *George Mason University*, October 18, 2010.

Media Reports about Research Work Involved

- Decentralized exchange security
 - **Oregon Quarterly:** Cybersecurity Researchers Help Protect the Internet, by Rosemary Howe Camozzi, April 6, 2022 (<https://around.uoregon.edu/content/cybersecurity-researchers-help-protect-internet>).
- RFID security and privacy
 - **ACM TechNews:** Hack-proofing our devices, by Sim Shuzhen, December 28, 2016 (<https://technews.acm.org/archives.cfm?fo=2016-12-dec/dec-28-2016.html#902922>).
- Face authentication with liveness detection
 - **National Research Foundation Singapore:** SMU creates safer face authentication method - Passwords become a thing of the past with safer face authentication technology, *Research, Innovation and Enterprise (RIE) magazine*, issue 2, pages 6-7, July 2018 (snapshot [http://www.mysmu.edu/faculty/yjli/nrf-magazine-\(july-2018\).pdf](http://www.mysmu.edu/faculty/yjli/nrf-magazine-(july-2018).pdf)).
- Android security vulnerabilities discovered
 - **Google Nexus Security Bulletin**, March 2016 (<https://source.android.com/security/bulletin/2016-03-01>).
 - **Google Android Security Acknowledgements**, 2016 (<https://source.android.com/security/overview/acknowledgements>).
- iOS security vulnerabilities discovered
 - **The Straits Times:** Apple fixes iOS 7 after Singapore researchers identify flaws, October 2, 2013 (<https://www.straitstimes.com/singapore/apple-fixes-ios-7-after-singapore-researchers-identify-flaws>).