

132 Selected Conference Papers (since 2002)

1. Jun Zhou, Zhenfu Cao, Xiaolei Dong, Xiaodong Lin. TR-MABE: White-Box Traceable and Revocable Multi-authority Attribute-based Encryption and Its Applications to Multi-level Privacy-preserving e-Healthcare Cloud Computing Systems, **IEEE INFOCOM 2015**.
2. Jianting Ning, Zhenfu Cao, Xiaolei Dong, Lifei Wei, Xiaodong Lin: Large Universe Ciphertext-Policy Attribute-Based Encryption with White-Box Traceability. **ESORICS 2014 (2)**: 55-72, 2014.
3. Xiaolei Dong, J. Zhou, K. Alharbi, X. Lin and Zhenfu Cao, An ElGamal-based efficient and privacy-preserving data aggregation scheme for smart grid, **IEEE Globecom 2014**.
4. Yabin Ping, Zhenfu Cao, Haojin Zhu, Sybil-aware Least Cost Rumor Blocking in Social Networks, **IEEE Globecom 2014**.
5. Hong Zhang, Zhenfu Cao, Xiaolei Dong and Jiachen Shen. 4P_VES: a Collusion-Resistant Accountable Virtual Economy System. **ICICS 2014**.
6. Zongyang Zhang, Yu Chen, Sherman S. M. Chow, Goichiro Hanaoka, Zhenfu Cao, Yunlei Zhao: All-but-One Dual Projective Hashing and Its Applications. **ACNS 2014**: 181-198, 2014.
7. Qingshui Xue, Fengying Li and Zhenfu Cao: Proxy Multi-Signature Binding Positioning Protocol. **IEEE/CIC ICC 2014**, October 13-15, Shanghai, China, pp. 166-170 (2014).
8. Qingshui Xue, Fengying Li and Zhenfu Cao: Threshold proxy signature based on position. **SECURWARE 2014**, November 16-20, Lisbon, Portugal. pp.151-156 (2014) .
9. Qingshui Xue, Fengying Li, and Zhenfu Cao: Secure-positioning-protocol-based symmetric cryptography. **MobiHealth 2014**, November 3-5, Athens, Greece (2014) .
10. Qingshui Xue, Fengying Li, and Zhenfu Cao: positioning-protocol-based digital signature. **WICON 2014**, November 13-14, Lisbon, Portugal (2014) .
11. Danyang He, Zhenfu Cao, Xiaolei Dong, Jiachen Shen. User Self-controllable Profile Matching for Privacy-preserving Mobile Social Networks, **ICCS 2014**.
12. Zhe Li, Xiaolei Dong, Zhenfu Cao. Generalized Cipolla-Lehmer Root Computation in Finite Fields, **ICINS 2014**.
13. Siqiong Fan, Zhenfu Cao, Xiaolei Dong. Cryptanalysis and improvement of a smart card-based identity authentication scheme, **ICINS 2014**.
14. Zhenfu Cao, Fangguo Zhang (Eds.): **Pairing-Based Cryptography - Pairing 2013** - 6th International Conference, Beijing, China, November 22-24, 2013, Revised Selected Papers. Lecture Notes in Computer Science 8365, Springer 2014, ISBN 978-3-319-04872-7.
15. Zhen Liu, Zhenfu Cao, Duncan S. Wong: Blackbox traceable CP-ABE: how to catch people leaking their keys by selling decryption devices on ebay. **ACM CCS 2013**: 475-486, 2013.
16. Zhaoyu Gao, Haojin Zhu, Yao Liu, Muyuan Li, Zhenfu Cao: Location privacy in database-driven Cognitive Radio Networks: Attacks and countermeasures. **INFOCOM 2013**: 2751-2759, 2013.
17. Jun Zhou, Zhenfu Cao, and Xiaolei Dong. BDK: Secure and Efficient Biometric based Deterministic Key Agreement in Wireless Body Area Networks. **BODYNETS 2013**, Boston, Massachusetts, United States, September 30–October 2, 2013.
18. Yu Chen, Zongyang Zhang, Dongdai Lin, Zhenfu Cao: Identity-Based Extractable Hash Proofs and Their Applications. **ACNS 2012**: 153-170, 2012.
19. Zhaoyu Gao, Haojin Zhu, Yao Liu, Muyuan Li, Zhenfu Cao: Location privacy leaking from spectrum utilization information in database-driven cognitive radio network. **ACM CCS 2012**: 1025-1027
20. Jun Zhou, Zhenfu Cao: TIS: A threshold incentive scheme for secure and reliable data forwarding in vehicular Delay Tolerant Networks. **GLOBECOM 2012**: 985-990
21. Yu Chen, Zongyang Zhang, Dongdai Lin, Zhenfu Cao: Anonymous Identity-Based Hash Proof System and Its Applications. **ProvSec 2012**: 143-160
22. Chengxin Xiao, Weiwei Jia, Haojin Zhu, Suguo Du, Zhenfu Cao: Leveraging Cloud Computing for Privacy Preserving Aggregation in Multi-domain Wireless Networks. **WASA 2012**: 733-744
23. Lifei Wei, Haojin Zhu, Zhenfu Cao, Xuemin (Sherman) Shen: MobiID: A User-Centric and Social-Aware Reputation Based Incentive Scheme for Delay/Disruption Tolerant Networks. **ADHOC-NOW 2011**: 177-190
24. Huang Lin, Zhenfu Cao, Yuguang Fang, Muxin Zhou, Haojin Zhu: How to design space efficient revocable IBE from non-monotonic ABE. **ASIACCS 2011**: 381-385
25. Zhen Liu, Zhenfu Cao, Qiong Huang, Duncan S. Wong, Tsz Hon Yuen: Fully Secure Multi-authority Ciphertext-Policy Attribute-Based Encryption without Random Oracles. **ESORICS 2011**: 278-297
26. Haiyong Bao, Guiyi Wei, Jun Shao, Zhenfu Cao: Efficient and secure electronic resume using smart cards. **FSKD 2011**: 2271-2274
27. Haiyong Bao, Guiyi Wei, Jun Shao, Zhenfu Cao: Novel conic-based group signature scheme with revocation. **FSKD 2011**: 2623-2627
28. Le Chen, Zhenfu Cao, Rongxing Lu, Xiaohui Liang, Xuemin Shen: EPF: An Event-Aided Packet Forwarding Protocol for Privacy-Preserving Mobile Healthcare Social Networks. **GLOBECOM 2011**: 1-5
29. Lifei Wei, Zhenfu Cao, Haojin Zhu: MobiGame: A User-Centric Reputation Based Incentive Protocol for Delay/Disruption Tolerant Networks. **GLOBECOM 2011**: 1-5
30. Jun Shao, Peng Liu, Zhenfu Cao, Guiyi Wei: Multi-Use Unidirectional Proxy Re-Encryption. **ICC 2011**: 1-5
31. Jun Shao, Min Feng, Bin B. Zhu, Zhenfu Cao, Peng Liu: The Security Model of Unidirectional Proxy Re-Signature with Private Re-Signature Key. **ACISP 2010**: 216-232
32. Huang Lin, Zhenfu Cao, Xiaohui Liang, Muxin Zhou, Haojin Zhu, Dongsheng Xing: How to Construct Interval Encryption from Binary Tree Encryption. **ACNS 2010**: 19-34
33. Lihua Wang, Licheng Wang, Zhenfu Cao, Eiji Okamoto, Jun Shao: New Constructions of Public-Key Encryption Schemes from Conjugacy Search Problems. **Inscrypt 2010**: 1-17
34. Fengying Li, Qingshui Xue, Zhenfu Cao: Some basic principles for proxy signature schemes based on ECDLP. **CollaborateCom 2010**: 1-5
35. Feng Cao, Zhenfu Cao: An Identity Based Proxy Signature Scheme Secure in the Standard Model. **GrC 2010**: 67-72
36. Lifei Wei, Haojin Zhu, Zhenfu Cao, Weiwei Jia, Athanasios V. Vasilakos: SecCloud: Bridging Secure Storage and Computation in Cloud. **ICDCS Workshops 2010**: 52-61
37. Haojin Zhu, Xiaodong Lin, Rongxing Lu, Xuemin Shen, Dongsheng Xing, Zhenfu Cao: An Opportunistic Batch Bundle Authentication Scheme for Energy Constrained DTNs. **INFOCOM 2010**: 605-613
38. Zhenfu Cao, Ivan Visconti, Zongyang Zhang: Constant-Round Concurrent Non-Malleable Statistically Binding Commitments and Decommitments. **PKC 2010**: 193-208
39. Xiaohui Liang, Zhenfu Cao, Huang Lin, and Jun Shao. Attribute Based Proxy Re-encryption with Delegating Capabilities. **ASIACCS 2009**, Sydney, Australia, 10-12 March 2009. ACM, 276-286, 2009.
40. Xiaohui Liang, Zhenfu Cao, Huang Lin, and Dongsheng Xing. Provably Secure and Efficient Bounded Ciphertext Policy Attribute Based Encryption. **ASIACCS 2009**, Sydney, Australia, 10-12 March 2009. ACM, 343-352, 2009.
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46. Muxin Zhou and Zhenfu Cao. Spatial Encryption under Simpler Assumption. **ProvSec 2009**, Guangzhou, China, November 11-13, 2009.
47. Yinan Shan and Zhefu Cao. Extended attribute based encryption for private information retrieval. **MASS 2009**: 702-707, October 12-14, 2009.
48. Piyi Yang, Zhenfu Cao, and Xiaolei Dong. A Dependable Threshold Broadcast Encryption System for Key Distribution in Mobile Ad Hoc Network. The Second (IEEE) International Conference on Dependability (**DEPEND 2009**), Athens/Glyfada, Greece, June 18-23, 2009.
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50. Qingshui Xue, Fengying Li, Yuan Zhou, Jiping Zhang, Zhenfu Cao, Haifeng Qian: Bilinear-pairings Based Designated-verifier Threshold Proxy Signature Scheme. **Security and Management 2009**: 323-327
51. Qingshui Xue, Fengying Li, Yuan Zhou, Jiping Zhang, Zhenfu Cao, Haifeng Qian: An ECDLP-Based Threshold Proxy Signature Scheme Using Self-Certified Public Key System. **MobiSec 2009**: 58-70
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