

# CURRICULUM VITAE

**Dr. Jianying Zhou**

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## Education

1997 - PhD (Information Security), [University of London](#)  
1989 - MSc (Computer Science), [Chinese Academy of Sciences](#)  
1986 - BSc (Computer Science), [University of Science and Technology of China](#)

## Career

01/2002 - present       Lead scientist, lab head, [Institute for Infocomm Research](#), Singapore  
04/2001 - 01/2002      Security consultant, [Oracle Corporation](#), USA  
08/1998 - 04/2001      Project manager, [Kent Ridge Digital Labs](#), Singapore  
02/1997 - 08/1998      Post-doctoral fellow, [National University of Singapore](#)  
02/1989 - 12/1993      Research engineer, [Chinese Academy of Sciences](#)

## External Appointments

- Adjunct Professor – University of Science and Technology of China (2003 –)
- Adjunct Professor – Shanghai Jiaotong University, China (2005 –)
- Adjunct Associate Professor – Singapore Management University (2005 –)
- Adjunct Senior Scientist – University of Malaga, Spain (2003 –)

## Professional Activities

- Co-founder & Coordinating Editor
  - Cryptology and Information Security Series, IOS Press (2005 –)
- Editor / Guest Editor
  - Electronic Commerce Research and Applications, Elsevier (2005 –)
  - International Journal of Internet Technology and Secured Transactions, Inderscience (2005 –)
  - International Journal of Information Security, Springer (ISC'05 Special Issue)
  - Journal of Computer Security, IOS Press (IWAP'05 Special Issue)
- Co-founder & Steering Committee Member
  - ISPEC - Information Security Practice and Experience Conference (2005 –)
  - ACNS - International Conference on Applied Cryptography and Network Security (2003 –)
- General Chair
  - ACNS'04 - 2nd International Conference on Applied Cryptography and Network Security (Yellow Mountain, China, June 2004)
- Program Chair
  - ACNS'06 - 4th International Conference on Applied Cryptography and Network Security (Singapore, June 2006)
  - IWAP'05 - 4th International Workshop for Applied PKI (Singapore, September 2005)
  - ISC'05 - 8th Information Security Conference (Singapore, September 2005)
  - ACNS'03 - 1st International Conference on Applied Cryptography and Network Security (Kunming, China, October 2003)
- Publication Chair
  - ISPEC'06 - 2nd Information Security Practice and Experience Conference (Hangzhou, China, April 2006)
  - ISPEC'05 - 1st Information Security Practice and Experience Conference (Singapore, April 2005)
  - PKC'04 - 7th International Workshop on Practice and Theory in Public Key Cryptography (Singapore, March 2004)

- ICICS'03 - 5th International Conference on Information and Communications Security (Huhehaote, China, October 2003)
- ICICS'02 - 4th International Conference on Information and Communications Security (Singapore, December 2002)
- ICICS'01 - 3rd International Conference on Information and Communications Security (Xian, China, November 2001)
- Publicity Chair
  - CCS'99 - 6th ACM Conference on Computer and Communications Security (Singapore, November 1999)
- Program Committee Member
  - IWSEC'06 - 1st International Workshop on Security (Kyoto, Japan, October 2006)
  - SecureComm'06 - 2nd IEEE Conference on Security and Privacy for Emerging Areas in Communication Networks (Baltimore, USA, September 2006)
  - TrustBus'06 - 5th DEXA International Conference on Trust and Privacy in Digital Business (Krakov, Poland, September 2006)
  - ISC'06 - 9th Information Security Conference (Samos Island, Greece, August 2006)
  - SecUbiq'06 - 2nd International Workshop on Security in Ubiquitous Computing Systems (Seoul, Korea, August 2006)
  - ICC'06-WASN - 41st IEEE International Conference on Communications [Wireless Ad Hoc and Sensor Networks Symposium] (Istanbul, Turkey, June 2006)
  - ACIS'06 - 1st ICCSA Workshop on Applied Cryptography and Information Security (Glasgow, UK, May 2006)
  - ARES'06 - 1st International Conference on Availability, Reliability and Security (Vienna, Austria, April 2006)
  - AINA'06-SPT - 20th IEEE Advanced Information Networking and Applications [Security, Privacy and Trust Track] (Vienna, Austria, April 2006)
  - ISPEC'06 - 2nd Information Security Practice and Experience Conference (Hangzhou, China, April 2006)
  - WEBIST'06 - 2nd International Conference on Web Information Systems and Technologies (Setubal, Portugal, April 2006)
  - AISW'06 - 2nd Australasian Information Security Workshop (Tasmania, Australia, January 2006)
  - ICICS'05 - 7th International Conference on Information and Communications Security (Beijing, China, December 2005)
  - Indocrypt'05 - 6th International Conference on Cryptology in India (Bangalore, India, December 2005)
  - GlobeCom'05-CNS - 48th IEEE GlobeCom [Computer and Network Security Symposium] (St. Louis, USA, November 2005)
  - CNIS'05 - 2nd IASTED International Conference on Communication, Network, and Information Security (Phoenix, USA, November 2005)
  - SecureComm'05 - 1st IEEE Conference on Security and Privacy for Emerging Areas in Communication Networks (Athens, Greece, September 2005)
  - TrustBus'05 - 4th DEXA International Conference on Trust and Privacy in Digital Business (Copenhagen, Denmark, August 2005)
  - WISA'05 - 6th Workshop on Information Security Applications (Jeju Island, Korea, August 2005)
  - SecPerU'05 - 1st International Workshop on Security, Privacy and Trust in Pervasive and Ubiquitous Computing (Santorini Island, Greece, July 2005)
  - EuroPKI'05 - 2nd European PKI Workshop: Research and Applications (Kent, UK, June 2005)
  - WirelessCom'05-ENTS - 1st IEEE WirelessCom [Emerging Networks, Technologies and Standards Symposium] (Hawaii, USA, June 2005)
  - ACNS'05 - 3rd International Conference on Applied Cryptography and Network Security (New York, USA, June 2005)
  - WEBIST'05 - 1st International Conference on Web Information Systems and Technologies (Miami, USA, May 2005)
  - ISPEC'05 - 1st Information Security Practice and Experience Conference (Singapore, April 2005)
  - ICICS'04 - 6th International Conference on Information and Communications Security (Malaga, Spain, October 2004)
  - IWAP'04 - 3rd International Workshop for Applied PKI (Fukuoka, Japan, October 2004)
  - ISC'04 - 7th Information Security Conference (Palo Alto, CA, USA, September 2004)
  - TrustBus'04 - 3rd DEXA International Conference on Trust and Privacy in Digital Business (Zaragoza, Spain, September 2004)
  - EuroPKI'04 - 1st European PKI Workshop: Research and Applications (Samos Island, Greece, June 2004)

- PKC'04 - 7th International Workshop on Practice and Theory in Public Key Cryptography (Singapore, March 2004)
- CNIS'03 - 1st IASTED International Conference on Communication, Network, and Information Security (New York, USA, December 2003)
- ICICS'03 - 5th International Conference on Information and Communications Security (Huhehaote, China, October 2003)
- TrustBus'03 - 2nd DEXA International Workshop on Trust and Privacy in Digital Business (Prague, Czech, September 2003)
- ICICS'02 - 4th International Conference on Information and Communications Security (Singapore, December 2002)
- TrustBus'02 - 1st DEXA International Workshop on Trust and Privacy in Digital Business (Aix-en-Provence, France, September 2002)
- AMOC'02 - 2nd Asian International Mobile Computing Conference (Langkawi Island, Malaysia, May 2002)
- PKC'02 - 5th International Workshop on Practice and Theory in Public Key Cryptography (Paris, France, February 2002)
- ICICS'01 - 3rd International Conference on Information and Communications Security (Xian, China, November 2001)
- ISC'01 - 4th Information Security Conference (Malaga, Spain, October 2001)
- AMOC'00 - 1st Asian International Mobile Computing Conference (Penang, Malaysia, November 2000)

### PhD Students

1. Jose Onieva – University of Malaga, Spain (2002 –)
2. Rodrigo Roman – University of Malaga, Spain (2003 –)
3. Tanmoy Kanti Das – Indian Statistical Institute, India (2003 –)
4. Min-Hua Shao – National Chiao Tung University, Taiwan (2004 –)
5. Jung-Hoon Ha – Kyungpook National University, Korea (2004 –)
6. Zhuowei Li – Nanyang Technological University, Singapore (2005 –)
7. Shiqun Li – Shanghai Jiaotong University, China (2005 –)
8. Shane Balfe – Royal Holloway, University of London, United Kingdom (2005 –)

### Publications

#### • Books

1. Jianying Zhou. "*Non-repudiation*". PhD Thesis, University of London, December 1996.
2. Jianying Zhou. "*Non-repudiation in Electronic Commerce*". ISBN 1-58053-247-0, Computer Security Series, Artech House, August 2001.
3. Sihan Qing, Tatsuaki Okamoto, and Jianying Zhou (editors). "*Information and Communications Security*". ICICS 2001, Lecture Notes in Computer Science 2229, ISBN 3-540-42880-1, Springer, November 2001.
4. Robert Deng, Sihan Qing, Feng Bao, and Jianying Zhou (editors). "*Information and Communications Security*". ICICS 2002, Lecture Notes in Computer Science 2513, ISBN 3-540-00164-6, Springer, December 2002.
5. Sihan Qing, Dieter Gollmann, and Jianying Zhou (editors). "*Information and Communications Security*". ICICS 2003, Lecture Notes in Computer Science 2836, ISBN 3-540-20150-5, Springer, October 2003.
6. Jianying Zhou, Moti Yung, and Yongfei Han (editors). "*Applied Cryptography and Network Security*". ACNS 2003, Lecture Notes in Computer Science 2846, ISBN 3-540-20208-0, Springer, October 2003.
7. Feng Bao, Robert Deng, and Jianying Zhou (editors). "*Public Key Cryptography*". PKC 2004, Lecture Notes in Computer Science 2947, ISBN 3-540-21018-0, Springer, March 2004.
8. Markus Jakobsson, Moti Yung, and Jianying Zhou (editors). "*Applied Cryptography and Network Security*". ACNS 2004, Lecture Notes in Computer Science 3089, ISBN 3-540-22217-0, Springer, June 2004.
9. Robert Deng, Feng Bao, Hwee-Hwa Pang, and Jianying Zhou (editors). "*Information Security Practice and Experience*". ISPEC 2005, Lecture Notes in Computer Science 3439, ISBN 3-540-25584-2, Springer, April 2005.
10. Jianying Zhou, Javier Lopez, Robert Deng, and Feng Bao (editors). "*Information Security*". ISC 2005, Lecture Notes in Computer Science 3650, ISBN 3-540-29001-X, Springer, September 2005.
11. Jianying Zhou, Meng-Chow Kang, Feng Bao, and Hwee-Hwa Pang (editors). "*Applied Public Key Infrastructure*". IWAP 2005, Frontiers in Artificial Intelligence and Applications 128, ISBN 1-58603-550-9, IOS Press, September 2005.

12. Robert Deng, Feng Bao, Ying Qiu, and Jianying Zhou. "*Enforcing Security in Mobile Networks – Challenges and Solutions*". Chapter 14 of "Mobile, Wireless and Sensor Networks: Technology, Applications and Future Directions", ISBN ??, John Wiley & Sons, December 2005.
- Conference Papers
    1. Jianying Zhou and Dieter Gollmann. "*A Fair Non-repudiation Protocol*". Proceedings of 1996 IEEE Symposium on Security and Privacy, pages 55--61, Oakland, USA, May 1996, IEEE Computer Society Press.
    2. Jianying Zhou and Dieter Gollmann. "*Certified Electronic Mail*". Lecture Notes in Computer Science 1146, Proceedings of 1996 European Symposium on Research in Computer Security, pages 160--171, Rome, Italy, September 1996, Springer.
    3. Jianying Zhou and Dieter Gollmann. "*Observations on Non-repudiation*". Lecture Notes in Computer Science 1163, Proceedings of Asiacrypt'96, pages 133--144, Kyongju, Korea, November 1996, Springer.
    4. Jianying Zhou and Dieter Gollmann. "*An Efficient Non-repudiation Protocol*". Proceedings of 10th IEEE Computer Security Foundations Workshop, pages 126--132, Rockport, USA, June 1997, IEEE Computer Society Press.
    5. Jianying Zhou and Dieter Gollmann. "*Towards Verification of Non-repudiation Protocols*". Proceedings of 1998 International Refinement Workshop and Formal Methods Pacific, pages 370--380, Canberra, Australia, September 1998, Springer.
    6. Jianying Zhou and Kwok-Yan Lam. "*Undeniable Billing in Mobile Communication*". Proceedings of 4th ACM/IEEE International Conference on Mobile Computing and Networking, pages 284--290, Dallas, USA, October 1998, ACM Press.
    7. Jianying Zhou and Kwok-Yan Lam. "*A Secure Pay-per-view Scheme for Web-based Video Service*". Lecture Notes in Computer Science 1560, Proceedings of 1999 International Workshop on Practice and Theory in Public Key Cryptography, pages 315--326, Kamakura, Japan, March 1999, Springer.
    8. Jianying Zhou, Robert Deng, and Feng Bao. "*Evolution of Fair Non-repudiation with TTP*". Lecture Notes in Computer Science 1587, Proceedings of 1999 Australasian Conference on Information Security and Privacy, pages 258--269, Wollongong, Australia, April 1999, Springer.
    9. Jianying Zhou, Robert Deng, and Feng Bao. "*Some Remarks on a Fair Exchange Protocol*". Lecture Notes in Computer Science 1751, Proceedings of 2000 International Workshop on Practice and Theory in Public Key Cryptography, pages 46--57, Melbourne, Australia, January 2000, Springer.
    10. Feng Bao, Robert Deng, and Jianying Zhou. "*Electronic Payment Systems with Fair On-line Verification*". Proceedings of 15th IFIP International Information Security Conference, pages 451--460, Beijing, China, August 2000, Kluwer.
    11. Jianying Zhou and Chunfu Tan. "*Playing Lottery on the Internet*". Lecture Notes in Computer Science 2229, Proceedings of 2001 International Conference on Information and Communications Security, pages 189--201, Xian, China, November 2001, Springer.
    12. Jianying Zhou. "*Maintaining the Validity of Digital Signatures in B2B Applications*". Lecture Notes in Computer Science 2384, Proceedings of 2002 Australasian Conference on Information Security and Privacy, pages 303--315, Melbourne, Australia, July 2002, Springer.
    13. Chunfu Tan and Jianying Zhou. "*An Electronic Payment Scheme Allowing Special Rates for Anonymous Regular Customers*". Proceedings of 2002 DEXA International Workshop on Trust and Privacy in Digital Business, pages 428--432, Aix-en-Provence, France, September 2002, IEEE Computer Society Press.
    14. Robert Deng, Jianying Zhou, and Feng Bao. "*Defending against Redirect Attacks in Mobile IP*". Proceedings of 9th ACM Conference on Computer and Communications Security, pages 59--67, Washington DC, USA, November 2002, ACM Press.
    15. Jose Onieva, Jianying Zhou, Mildrey Carbonell, and Javier Lopez. "*A Multi-Party Non-repudiation Protocol for Exchange of Different Messages*". Proceedings of 18th IFIP International Information Security Conference, pages 37--48, Athens, Greece, May 2003, Kluwer.
    16. Jose Onieva, Jianying Zhou, Mildrey Carbonell, and Javier Lopez. "*Intermediary Non-repudiation Protocols*". Proceedings of 2003 IEEE Conference on Electronic Commerce, pages 207--214, Newport Beach, USA, June 2003, IEEE Computer Society Press.
    17. Jianying Zhou. "*Efficient Signature Validation Based on a New PKI*". Lecture Notes in Computer Science 2738, Proceedings of 2003 International Conference on Electronic Commerce and Web Technologies, pages 94--103, Prague, Czech, September 2003, Springer.
    18. Anantharaman Lakshminarayanan and Jianying Zhou. "*FlexiCert: Merging X.509 Identity Certificates and Attribute Certificates*". Proceedings of 2003 DEXA International Workshop on Trust and Privacy in Digital Business, pages 489--493, Prague, Czech, September 2003, IEEE Computer Society Press.
    19. Jianying Zhou, Feng Bao, and Robert Deng. "*Validating Digital Signatures without TTP's Time-Stamping and Certificate Revocation*". Lecture Notes in Computer Science 2851, Proceedings of 2003 Information Security Conference, pages 96--110, Bristol, UK, October 2003, Springer.

20. Guilin Wang, Feng Bao, Jianying Zhou, and Robert Deng. "*Security Remarks on a Group Signature Scheme with Member Deletion*". Lecture Notes in Computer Science 2836, Proceedings of 2003 International Conference on Information and Communications Security, pages 72--83, Huhehaote, China, October 2003, Springer.
21. Jianying Zhou, Feng Bao, and Robert Deng. "*An Efficient Public-Key Framework*". Lecture Notes in Computer Science 2836, Proceedings of 2003 International Conference on Information and Communications Security, pages 88--99, Huhehaote, China, October 2003, Springer.
22. Jose Onieva, Jianying Zhou, and Javier Lopez. "*Practical Service Charge for P2P Content Distribution*". Lecture Notes in Computer Science 2836, Proceedings of 2003 International Conference on Information and Communications Security, pages 112--123, Huhehaote, China, October 2003, Springer.
23. Guilin Wang, Feng Bao, Jianying Zhou, and Robert Deng. "*Security Analysis of Some Proxy Signatures*". Lecture Notes in Computer Science 2971, Proceedings of 2003 International Conference on Information Security and Cryptology, pages 305--319, Seoul, Korea, November 2003, Springer.
24. Konidala Divyan, Robert Deng, Jianying Zhou, and Kwangjo Kim. "*A Secure and Privacy Enhanced Location-based Service Transaction Protocol in Ubiquitous Computing Environment*". Proceedings of 2004 Symposium on Cryptography and Information Security, pages 931--936, Sendai, Japan, January 2004.
25. Ying Qiu, Jianying Zhou, and Feng Bao. "*Protecting All Traffic Channels in Mobile IPv6 Network*". Proceedings of 2004 IEEE Wireless Communications and Networking Conference, pages 160--165, Atlanta, USA, March 2004, IEEE Communications Society Press.
26. Mildrey Carbonell, Jose Onieva, Javier Lopez, Deborah Galpert, and Jianying Zhou. "*Timeout Estimation using a Simulation Model for Non-repudiation Protocols*". Lecture Notes in Computer Science 3043, Proceedings of 2004 ICCSA Workshop on Internet Communications Security, pages 903--914, Perugia, Italy, May 2004, Springer.
27. Jose Onieva, Jianying Zhou, and Javier Lopez. "*Enhancing Certified Email Service for Timeliness and Multicast*". Proceedings of 4th International Network Conference, pages 327--336, Plymouth, UK, July 2004.
28. Jianying Zhou, Jose Onieva, and Javier Lopez. "*Analysis of a Free Roaming Agent Result-Truncation Defense Scheme*". Proceedings of 2004 IEEE Conference on Electronic Commerce, pages 221--226, San Diego, USA, July 2004, IEEE Computer Society Press.
29. Feng Bao, Guilin Wang, Jianying Zhou, and Huafei Zhu. "*Analysis and Improvement of Micali's Fair Contract Signing Protocol*". Lecture Notes in Computer Science 3108, Proceedings of 2004 Australasian Conference on Information Security and Privacy, pages 176--187, Sydney, Australia, July 2004, Springer.
30. Guilin Wang, Jianying Zhou, and Robert Deng. "*On the Security of Lee-Hwang Group-Oriented Undeniable Signature Schemes*". Lecture Notes in Computer Science 3184, Proceedings of 2004 International Conference on Trust and Privacy in Digital Business, pages 289--298, Zaragoza, Spain, September 2004, Springer.
31. Ying Qiu, Jianying Zhou, and Feng Bao. "*Mobile Personal Firewall*". Proceedings of 2004 IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, pages 2866--2870, Barcelona, Spain, September 2004, IEEE Communications Society Press.
32. Guilin Wang, Feng Bao, Jianying Zhou, and Robert Deng. "*Proxy Signature Scheme with Multiple Original Signers for Wireless E-Commerce Applications*". Proceedings of 60th IEEE Vehicular Technology Conference, pages 3249--3253, Los Angeles, USA, September 2004, IEEE Vehicular Technology Society Press.
33. Jianying Zhou, Jose Onieva, and Javier Lopez. "*Protecting Free Roaming Agents against Result-Truncation Attack*". Proceedings of 60th IEEE Vehicular Technology Conference, pages 3271--3274, Los Angeles, USA, September 2004, IEEE Vehicular Technology Society Press.
34. Ying Qiu, Jianying Zhou, and Feng Bao. "*Design and Optimize Firewall for Mobile Networks*". Proceedings of 60th IEEE Vehicular Technology Conference, pages 3301--3305, Los Angeles, USA, September 2004, IEEE Vehicular Technology Society Press.
35. Jianying Zhou. "*On the Security of a Multi-Party Certified Email Protocol*". Lecture Notes in Computer Science 3269, Proceedings of 2004 International Conference on Information and Communications Security, pages 40--52, Malaga, Spain, October 2004, Springer.
36. Tanmoy Kanti Das, Jianying Zhou, and Subhamoy Maitra. "*Cryptanalysis of a Wavelet Based Watermarking Scheme*". Lecture Notes in Computer Science 3304, Proceedings of 2004 International Workshop on Digital Watermarking, pages 192--203, Seoul, Korea, October 2004, Springer.
37. Guilin Wang, Feng Bao, and Jianying Zhou. "*On the Security of a Certified Email Scheme*". Lecture Notes in Computer Science 3348, Proceedings of 5th International Conference on Cryptology in India, pages 48--60, Chennai, India, December 2004, Springer.
38. Rodrigo Roman, Jianying Zhou, and Javier Lopez. "*On the Security of Wireless Sensor Networks*". Lecture Notes in Computer Science 3482, Proceedings of 2005 ICCSA Workshop on Internet Communications Security, pages 681--690, Singapore, May 2005, Springer.

39. Min-Hua Shao, Jianying Zhou, and Guilin Wang. "*On the Security of a Certified Email Scheme with Temporal Authentication*". Lecture Notes in Computer Science 3482, Proceedings of 2005 ICCSA Workshop on Internet Communications Security, pages 701--710, Singapore, May 2005, Springer.
40. Zhuowei Li, Amitabha Das, and Jianying Zhou. "*USAID: Unifying Signature-Based and Anomaly-Based Intrusion Detection*". Lecture Notes in Computer Science 3518, Proceedings of 9th Pacific-Asia Conference on Knowledge Discovery and Data Mining, pages 702--712, Hanoi, Vietnam, May 2005, Springer.
41. Rodrigo Roman, Jianying Zhou, and Javier Lopez. "*Protection against Spam Using Pre-Challenges*". Proceedings of 20th IFIP International Information Security Conference, pages 281--293, Chiba, Japan, May 2005, Springer.
42. Min-Hua Shao and Jianying Zhou. "*Rescuing Mobile Agent Data in Case of Blocking Attacks*". Proceedings of 61st IEEE Vehicular Technology Conference, Stockholm, Sweden, May 2005, IEEE Vehicular Technology Society Press.
43. Vrizzlynn Thing, Henry Lee, Morris Sloman, and Jianying Zhou. "*Enhanced ICMP Traceback with Cumulative Path*". Proceedings of 61st IEEE Vehicular Technology Conference, Stockholm, Sweden, May 2005, IEEE Vehicular Technology Society Press.
44. Zhuowei Li, Amitabha Das, and Jianying Zhou. "*Model Generalization and its Implications on Intrusion Detection*". Lecture Notes in Computer Science 3531, Proceedings of 3rd International Conference on Applied Cryptography and Network Security, pages 222--237, New York, USA, June 2005, Springer.
45. Zhuowei Li, Amitabha Das, and Jianying Zhou. "*Theoretical Basis for Intrusion Detection*". Proceedings of 6th IEEE Information Assurance Workshop, New York, USA, June 2005, IEEE Systems, Man, and Cybernetics Society Press.
46. Jung-Hoon Ha, Jianying Zhou, and Sang-Jae Moon. "*An Improved Double Auction Protocol against False Bids*". Lecture Notes in Computer Science 3592, Proceedings of 2005 International Conference on Trust and Privacy in Digital Business, pages 274--287, Copenhagen, Denmark, August 2005, Springer.
47. Guilin Wang, Feng Bao, Jianying Zhou, and Robert Deng. "*An Efficient Certified Email Scheme Suitable for Wireless Mobile Environments*". Proceedings of 2005 IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, Berlin, Germany, September 2005, IEEE Communications Society Press.
48. Ying Qiu, Jianying Zhou, and Robert Deng. "*Security Analysis and Improvement of Return Routability Protocol*". Lecture Notes in Computer Science, Proceedings of 2005 Secure Mobile Ad-Hoc Networks and Sensors Workshop, Singapore, September 2005, Springer.
49. Ying Qiu, Jianying Zhou, Feng Bao, and Robert Deng. "*Protocol for Hiding Movement of Mobile Nodes in Mobile IPv6*". Proceedings of 62nd IEEE Vehicular Technology Conference, Dallas, USA, September 2005, IEEE Vehicular Technology Society Press.
50. Shiqun Li, Jianying Zhou, Xiangxue Li, and Kefei Chen. "*An Authentication Protocol for Pervasive Computing*". Lecture Notes in Computer Science 3758, Proceedings of 3rd International Symposium on Parallel and Distributed Processing and Applications, pages 553--563, Nanjing, China, November 2005, Springer.
51. Tanmoy Kanti Das and Jianying Zhou. "*Cryptanalysis of Barni et al Watermarking Scheme*". Lecture Notes in Computer Science 3797, Proceedings of 6th International Conference on Cryptology in India, pages 197--208, Bangalore, India, December 2005, Springer.
52. Jose Onieva, Jianying Zhou, and Javier Lopez. "*Attacking an Asynchronous Multi-Party Contract Signing Protocol*". Lecture Notes in Computer Science 3797, Proceedings of 6th International Conference on Cryptology in India, pages 311--321, Bangalore, India, December 2005, Springer.
53. Kenji Imamoto, Jianying Zhou, and Kouichi Sakurai. "*An Evenhanded Certified Email System for Contract Signing*". Lecture Notes in Computer Science, Proceedings of 2005 International Conference on Information and Communications Security, Beijing, China, December 2005, Springer.
54. Di Ma, Robert Deng, Hwee-Hwa Pang, and Jianying Zhou. "*Authenticating Query Results in Data Publishing*". Lecture Notes in Computer Science, Proceedings of 2005 International Conference on Information and Communications Security, Beijing, China, December 2005, Springer.
55. Jose Onieva, Javier Lopez, Jianying Zhou, and Rodrigo Roman. "*Extending an OMA-based DRM Framework with Non-Repudiation Services*". Proceedings of 5th IEEE International Symposium on Signal Processing and Information Technology, Athens, Greece, December 2005, IEEE Computer Society Press.
56. Subhamoy Maitra, Tanmoy Kanti Das, and Jianying Zhou. "*An Information Hiding Framework for Lightweight Mobile Devices with Digital Camera*". Lecture Notes in Computer Science, Proceedings of 2005 International Conference on Pattern Recognition and Machine Intelligence, Kolkata, India, December 2005, Springer.
57. Jung-Hoon Ha, Jianying Zhou, and Sang-Jae Moon. "*A Robust Double Auction Protocol Based on a Hybrid Trust Model*". Lecture Notes in Computer Science 3803, Proceedings of 2005 International Conference on Information Systems Security, pages 77--90, Kolkata, India, December 2005, Springer.

58. Rodrigo Roman, Jianying Zhou, and Javier Lopez. "Applying Intrusion Detection Systems to Wireless Sensor Networks". Proceedings of 2006 IEEE Consumer Communications and Networking Conference, Las Vegas, USA, January 2006, IEEE Communications Society Press.
- Journal Papers
    1. Jianying Zhou and Dieter Gollmann. "Evidence and Non-repudiation". Journal of Network and Computer Applications, 20(3):267--281, Academic Press, July 1997.
    2. Cheng-Hwee You, Jianying Zhou, and Kwok-Yan Lam. "On the Efficient Implementation of Fair Non-repudiation". Computer Communication Review, 28(5):50--60, ACM Press, October 1998.
    3. Jianying Zhou and Kwok-Yan Lam. "Securing Digital Signatures for Non-repudiation". Computer Communications, 22(8):710--716, Elsevier, May 1999.
    4. Jianying Zhou. "Fixing a Security Flaw in IKE Protocols". Electronics Letters, 35(13):1072--1073, IEE Press, June 1999.
    5. Jianying Zhou and Robert Deng. "On the Validity of Digital Signatures". Computer Communication Review, 30(2):29--34, ACM Press, April 2000.
    6. Jianying Zhou. "Further Analysis of the Internet Key Exchange Protocol". Computer Communications, 23(17):1606--1612, Elsevier, November 2000.
    7. Jianying Zhou. "Achieving Fair Non-repudiation in Electronic Transactions". Journal of Organizational Computing and Electronic Commerce, 11(4):253--267, Lawrence Erlbaum Associates, December 2001.
    8. Steve Kremer, Olivier Markowitch, and Jianying Zhou. "An Intensive Survey of Fair Non-repudiation Protocols". Computer Communications, 25(17):1606--1621, Elsevier, November 2002.
    9. Jose Onieva, Jianying Zhou, Javier Lopez, and Mildrey Carbonell. "Agent-Mediated Non-repudiation Protocols". Electronic Commerce Research and Applications, 3(2):152--162, Elsevier, Summer 2004.
    10. Guilin Wang, Feng Bao, Jianying Zhou, and Robert Deng. "Comments on a Threshold Proxy Signature Scheme Based on the RSA Cryptosystem". IEEE Transactions on Knowledge and Data Engineering, 16(10):1309--1311, IEEE Computer Society Press, October 2004.
    11. Jose Onieva, Jianying Zhou, and Javier Lopez. "Non-repudiation Protocols for Multiple Entities". Computer Communications, 27(16):1608--1616, Elsevier, October 2004.
    12. Rodrigo Roman, Javier Lopez, and Jianying Zhou. "Casual Virtual Private Networks". Computer Systems Science & Engineering, 20(3):185--192, CRL Publishing, May 2005.
    13. Jianying Zhou, Jose Onieva, and Javier Lopez. "Optimised Multi-Party Certified Email Protocols". Information Management & Computer Security, 13(5):350--366, Emerald, 2005.
    14. Jianying Zhou, Feng Bao, and Robert Deng. "Minimizing TTP's Involvement in Signature Validation". International Journal of Information Security, Springer, 2005.
    15. Min-Hua Shao and Jianying Zhou. "Protecting Mobile-Agent Data Collection against Blocking Attacks". Computer Standards & Interfaces, Elsevier, 2005.
    16. Rodrigo Roman, Jianying Zhou, and Javier Lopez. "A Secure and Functional Anti-Spam Mechanism". Computer Communications, Elsevier, 2005.
    17. Min-Hua Shao, Guilin Wang, and Jianying Zhou. "Some Common Attacks against Certified Email Protocols and the Countermeasures". Computer Communications, Elsevier, 2005.
    18. Tanmoy Kanti Das, Subhamoy Maitra, and Jianying Zhou. "Cryptanalysis of Chu's DCT Based Watermarking Scheme". IEEE Transactions on Multimedia, IEEE Computer Society Press, 2005.
    19. Kui Ren, Wenjing Lou, Kai Zeng, Feng Bao, Jianying Zhou, and Robert Deng. "Routing Optimization Security in Mobile IPv6". Computer Networks, Elsevier, 2005.