Xuhua DING
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Singapore Management University

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Date of CV revision: 18 January 2016
Citizenship: Chinese

Education

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<tr>
<th>Year</th>
<th>Degree</th>
<th>Institution</th>
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<tr>
<td>Dec 2003</td>
<td>Ph.D in Computer Science</td>
<td>University of Southern California</td>
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<tr>
<td>Mar 1999</td>
<td>MS in Computer Science</td>
<td>Shanghai Jiaotong University, China</td>
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<tr>
<td>Jul 1995</td>
<td>BS in Computer Science</td>
<td>Shanghai Jiaotong University, China</td>
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Position(s) Held

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<th>Year</th>
<th>Position</th>
<th>Institution</th>
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| Jan 2012 - Now | Associate Professor      | School of Information Systems
                                                  | Singapore Management University               |
| Jan 2004 - Dec 2011 | Assistant Professor   | School of Information Systems
                                                  | Singapore Management University               |

Research Interests

1. Trustworthy systems for data protection
2. Applied cryptography
3. Network and system security

Journal Article


11. “Tuning On-Air Signatures for Balancing Performance and Confidentiality”, by ZHENG, Baihua; LEE, Wang-Chien; LIU, Peng; LEE, Dik Lun; DING, Xuhua, 12/2009, IEEE Transactions on Knowledge and Data Engineering, 21, 12, 1783 - 1797, http://dx.doi.org/10.1109/TKDE.2009.43. (Published)


14. “Equipping “Smart Devices” With Public Key Signatures”, by DING, Xuhua; Mozzacchi, D.; Tsudik, Gene, 02/2007, ACM Transactions on Internet Technology, 7, 1. (Published)


**Conference Proceedings Article**


2. “SuperCall: A Secure Interface For Isolated Execution Environment to Dynamically Use External Services”, by CHENG, Yueqiang; LI, Qing; YU, Miao; SHEN, Qingni, 10/2015, Proceedings of the 11th EAI International Conference on Security and Privacy in Communication Networks., Dallas,


22. "Remote Attestation on Function Execution", by GU, Liang; CHENG, Yueqiang; DING, Xuhua; DENG, Robert H.; GUO; Yao; SHAO, Weizhong, 01/2010, Trusted Systems: First International Conference, INTRUST 2009, Beijing, China, December 17-19: Revised Selected Papers, 60 - 72, Berlin: Springer Verlag, http://dx.doi.org/10.1007/978-3-642-14597-1_4. (Published, Peer-Reviewed)


28. "A Dynamic Trust Management Scheme to Mitigate Malware Proliferation in P2P Networks", by DING, Xuhua; Wei, Yu; Ying, Pan, 05/2008, IEEE International Conference on Communications, ICC '08, 19-23 May, Beijing, 1605 - 1609, Beijing, China: IEEE, http://dx.doi.org/10.1109/ICC.2008.310. (Published, Peer-Reviewed)


Conference Paper


3. "Simple Identity-Based Encryption with Mediated RSA", by DING, Xuhua; Tsudik, Gene, 01/2003, RSA Conference, Cryptographers Track, San Francisco. (Published, Peer-Reviewed)


Chapter in Book


Conference Program Committee and Advisory Services

1. Member, Technical Program Committee, 8th Information Security Conference (ISC), 2005

2. Member, Technical Program Committee, 1st IEEE/CreateNet International Conference on Security and Privacy for Emerging Areas in Communication Networks (SecureComm), 2005

3. Member, Technical Program Committee, 1st International Conference on Information Security Practice and Experience (ISPEC), 2005

4. Member, Technical Program Committee, 2nd International Conference on Security and Privacy in Communication Networks (SecureComm), 2006


6. Member, Technical Program Committee, IEEE International Conference on Communications (ICC), 2008

7. Member, Technical Program Committee, IEEE Global Communications Conference (Globecom), 2008

8. Member, Technical Program Committee, 3rd International Conference on Communications and Networking in China (ChinaCom), 2008

9. Member, Technical Program Committee, 1st International Conference on Trusted Systems (INTRUST), 2009
10. Member, Technical Program Committee, 18th IEEE International Conference on Computer Communications and Networks (ICCCN), 2009

11. Member, Technical Program Committee, 5th International Conference on Security and Privacy in Communication Networks (SecureComm), 2009

12. Member, Technical Program Committee, 13th Information Security Conference (ISC), 2010

13. Member, Technical Program Committee, 2nd International Conference on Trusted Systems (INTRUST), 2010

14. Member, Technical Program Committee, 6th International Conference on Security and Privacy in Communication Networks (SecureComm), 2010

15. Member, Technical Program Committee, 3rd ACM Conference on Wireless Network Security (WiSec), 2010


17. Member, Technical Program Committee, 14th Information Security Conference (ISC), 2011

18. Member, Technical Program Committee, 3rd International Conference on Trusted Systems (INTRUST), 2011

19. Member, Technical Program Committee, 4th ACM Conference on Wireless Network Security (WiSec), 2011

20. Member, Technical Program Committee, 9th International Conference on Applied Cryptography and Network Security (ACNS), 2011

21. Member, Technical Program Committee, 10th International Conference on Cryptography and Network Security (CANS), 2011


23. Publicity Chair, Organizing Committee, International Conference on Trusted Systems, 2009 - 2011