

100 年 11 月 通過 學術審查

94 學年度碩士入學，95 學年度上學期直升 (博六)

Journal Papers:

1. H.-M. Sun, Yao-Hsin Chen, and Y.-H. Lin, “oPass: A User Authentication Protocol Resistant to Password Stealing and Password Reuse Attacks,” accepted and to appear in *IEEE Transactions on Information Forensics and Security*. (SCI, Impact Factor=1.826)
2. Y.-H. Lin, A. Studer, Yao-Hsin Chen, H.-C. Hsiao, J. McCune, K.-H. Wang, M. Krohn, P.-L. Lin, A. Perrig, H.-M. Sun, and B.-Y. Yang, “SPATE: Smallgroup PKI-less Authenticated Trust Establishment,” *IEEE Transactions on Mobile Computing*, Vol. 9, No. 12, pp. 1666-1681, 2010. (SCI, Impact Factor: 2.376)

Conference Papers:

1. H.-M. Sun, C.-S. Chen, C.-L. Chen, and Yao-Hsin Chen, “A Robust Defense Scheme to Resist Routing Attacks in Mobile Ad Hoc Networks,” *2011 3rd World Congress in Applied Computing, Computer Science, and Computer Engineering, (ACC 2011)*, 2011.
2. H.-M. Sun, C.-H. Chen, L.-C. Hsu, Y.-H. Chen, and Yao-Hsin Chen, “Reliable Data Transmission against Packet Dropping Misbehavior in Wireless Ad Hoc Networks,” *2011 IET International Communication Conference on Wireless Mobile and Computing, CCWMC 2011*.
3. Yao-Hsin Chen, L.-W. Huang, Y.-H. Lin, S.-W. Huang, C.-H. Yeh, and H.-M. Sun, “RDAP: Rapid Deployment Authentication Protocol between Mobile Devices and Femtocells,” in *Proceedings of the 2010 IEEE Region 10 Conference, TENCN2010*, Fukuoka, Japan: IEEE, Nov. 2010, pp. T4-4.2. (EI)
4. H.-M. Sun, S.-M. Chen, Yao-Hsin Chen, H.-J. Chung, and I.-H. Lin, “Secure and Efficient Handover Schemes for Heterogeneous Networks,” *IEEE APSCC 2008, in Proceeding of the 3rd IEEE Asia-Pacific Services Computing Conference*, pp. 205-210, 2008. (EI)

5. H.-M. Sun, M.-E. Wu, and **Yao-Hsin Chen**, “Estimating Prime-Factors of RSA Modulus N and Its Application on the Extension of the Wiener Attack,” *5th International Conference on Applied Cryptography and Network Security (ACNS’07)*, Lecture Notes in Computer Science 4521, Editors: J. Katz and M. Yung, Springer-Verlag, pp. 116-128, 2007. **(EI, Acceptance rate: 11.9%)**
6. H.-M. Sun, S.-Y. Chang, **Yao-Hsin Chen**, B.-Z. He, and G.-K. Chen, “The design and implementation of IPsec conflict avoiding and recovering system,” in *Proceedings of the 2007 IEEE Region 10 Conference, TENCON2007*, Taipei, Taiwan: IEEE, Oct. 2007, pp. 916-919. **(EI)**
7. H.-M. Sun, **Yao-Hsin Chen**, and K.-H. Wang, “An Image Data Hiding Scheme being Perfectly Imperceptible to Histogram Attacks,” *Image and Vision Computing New Zealand 2006 (IVCNZ 2006)*, November 27-29, 2006, New Zealand.

Pending Patents:

1. 陳政愷, 孫宏民, 張仕穎, **陳耀鑫**, 何秉哲, 「具有一資料庫之網路裝置及用於該資料庫之網路協定連線規則之管理方法與電腦可讀取紀錄媒體」, 台灣、美國專利, 已送審, 2008.
2. 蔡其達, 邱簡謙, 林益宏, 孫宏民, 陳帥名, **陳耀鑫**, 鍾恒正, 「無線網路架構之行動台、存取台、閘道裝置、基地台及其握手方法」台灣、美國專利, 已送審, 2010
3. 林靖倫, 邱簡謙, 黃立維, 孫宏民, **陳耀鑫**, 葉鈞豪, 黃劭璋, 「一種適用於 Femtocell 基地台系統的自動阻擋機制」, 台灣、美國專利, 已送審
4. 孫宏民, 葉鈞豪, **陳耀鑫**, 「應用圖形稽碼機制之認證方法與系統」, 台灣、美國專利, 已送審
5. 孫宏民, 郭嫚婷, **陳耀鑫**, 張仕穎, 「驗證方法與系統」, 台灣、美國專利, 已送審