



主

和

1984.8-1988.6:

1993.8-1996.4:

2001.9-2004.7:

2004.10-2006.9:

2008.5-2008.8:

2010.6-2010.8: Boeing

Welliver

至今 中国民航大学

航空电信网及信息安全、云计算和大数据安全

和

主

主持包括国家 科技计划项目、国家自然科学基金面上项目在内的国家  
级科研项目 项, 主持省部级重点 项、一般科研项目 项, 横向  
项目 项。

:

1 Zhijun Wu. Information Hiding in Speech Signals for Secure

5 Sarhan Musa, Zhijun WU. Aeronautical Telecommunications Networks-Advances, Challenges, and Modeling. CRC Press, Taylor & Francis Group, July, 2015. ISBN: 978-1-4987-0504-2

6 . . . . . 2015.6

1 Zhijun Wu, Liyuan Zhang, Meng Yue. Low-Rate DoS Attacks Detection Based on Network Multifractal. IEEE Transactions on Dependable and Secure Computing, 2016, Volume: 13, Issue: 5, Pages: 559 - 567, DOI: 10.1109/TDSC.2015.2443807. (SCI : DW9XC EI 20163702792458)

2 Zhijun Wu, Rusen Liu and Haijuan Cao, ECDSA-based Message Authentication Scheme for BeiDou-II Navigation Satellite System, IEEE transactions on aerospace and electronic system [J]. No. 4, Vol. 55, August, 2019, p: 1666-1682.

3 Zhijun Wu; Anxin Guo; Meng Yue; Liang Liu. An ADS-B Message Authentication Method Based on Certificateless Short Signature [J]. IEEE Transactions on Aerospace and Electronic Systems, Year: 2020 | Volume: 56, Issue: 3, Page(s): 1742 - 1753.

4 Zhijun Wu;Pan Gao;Lei Cui;Jiusheng Chen. An Incremental Learning Method Based on Dynamic Ensemble RVM for Intrusion Detection. IEEE Transactions on Network and Service Management, 2022,19(1): 671-684.

5 Zhi-Jun, W., Hai-Tao, Z., Ming-Hua, W., Bao-Song, P. MSABMS-based approach of detecting LDoS attack. *Computers & Security* 31(4), pp.402-417, 2012.

6 Zhijun Wu, Wenzhi Feng, Meng Yue, Xinran Xu, Liang Liu. Mitigation measures of collusive interest flooding attacks in named data networking. *Computers and Security* 97, pp.1-11, 2020.

7 Wu Zhijun; Yang Yiming; BD-D1Sec: Protocol of Security Authentication for BeiDou D1 Civil Navigation Message Based on Certificateless Signature, *Computer & Security*, 2021, 105: 1-21.

8 Zhijun Wu, Qingbo Pan, Meng Yue, Liang Liu. Sequence Alignment Detection of TCP-targeted Synchronous Low-rate DoS Attacks[J]. *Computer Networks*, 2019, 152: 64-77.

9 Zhijun Wu, Yun Zhang, Liang Liu, Meng Yue. TESLA-Based Authentication for BeiDou Civil Navigation Message. *China Communications*, November 2020, 194-217.

10 Zhijun Wu, Minxiao Wang, Changcan Yan, Meng Yue. Low-Rate DoS Attack Flow Filtering Based on Frequency Spectral Analysis. *China Communications*, June 2017, Vol. 14, No. 6. pp. 98-112.

11 Wu Zhijun, Liang Cheng, Zhang Yuan, Zhang Yun. Anti-spoofing: Integrated Information Authentication of BeiDou-II Civil Navigation Message. *China Communications*,

12 Wu Zhijun, Li Yuqi, Pan Gao. A Hybrid Intrusion Detection Algorithm Based on Convolutional Neural Network and AdaBoost. China Communications,

13 , , , , .  
LDoS .

14 , , .  
. , 2021, 58(3): 569-582.

15 , , . SWIM  
2019 8 vol. 40, No. 8, P: 123-132.

16 .  
. , 2020 42 2 , p: 355-363.

17 . D2  
. 2021 9 P. 1790-1798.

1 WU Zhijun, MA Lan, WANG Minghua, YUE Meng, WANG Lu.  
Research on Time Synchronization and Flow Aggregation in LDDoS  
Attack Based on Cross-correlation. Proceedings of 2012 IEEE 11th  
International Conference on Trust, Security and Privacy in Computing and  
Communications (TrustCom 2012), Liverpool, England, 25-27 June, 2012.  
(EI 20124515636023)

2 Zhijun Wu, Qingbo Pan, Meng Yue, Shaopu Ma. An Approach of Security Protection for VSAT Network. 2018 17th IEEE International Conference On Trust, Security And Privacy In Computing And Communications/ 12th IEEE International Conference On Big Data Science And Engineering (TrustCom/BigDataSE) . Year: 2018, Page s: 1511 1516. EI: 20184005895543.

3 Zhijun Wu, Shengyan Zhou, Meng Yue. Research on SWIM Services Dynamic Migration Mechanism[C]. 2018 IEEE 16th Intl Conference on Dependable, Autonomic and Secure Computing, 16th International Conference on Pervasive Intelligence and Computing, 4th International Conference on Big Data Intelligence and Computing and Cyber Science and Technology Congress (DASC/PiCom/DataCom/CyberSciTech), 2018, Pages: 1034 1039. EI: 20184806132134.

4 Zhijun Wu, Liang Liu, Changcan Yan, Jia Xu, Jin Lei. The approach of SWIM data sharing based on multi-dimensional data encryption[C]. 2017 25th International Conference on Software, Telecommunications and Computer Networks (SoftCOM), 2017, Pages: 1 6. EI: 20180604754329.

5 Zhijun Wu; Shan Tian; Wen Li; Meng Yue; Jian Wang. A secret classified label control model based on the identity-based cryptography. 2019 15th International Wireless Communications & Mobile Computing Conference (IWCMC), June 2019, Pages: 96-101, ISBN-13: 9781538677476, EI: 20193207269862.

1		LDoS		
	ZL200810094189.X		2013 5 7	.
2				
	ZL200810094190.2		2013 5 1	.
3		LPC		
	ZL200810094192.1		2014 6 18	.
4	ANN BP	ATM		
	ZL201010519836.4		2015 10	
10				.
5	Low-rate DoS	LDoS		
	ZL201010519862.7		2015 11 25	.

Boeing Welliver Fellow

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