| 副教授

何施茗

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长沙理工大学计算机与通信工程学研究生导师基本信息表			
1、个人基本信息:			
姓 名: 何施茗		性 别: 女	
出生年月: 1986年5月		技术职称:副教授	
毕业院校: 湖南大学		学历（学位）：博士	
所在学科: 计算机科学		研究方向: 异常检测、矩阵分解、图网络与数据处理、无线网络	
2、教育背景:			
2002.9—2006.7	湖南大学	学士	
2006.9—2013.10	湖南大学	博士	
3、目前研究领域:			
1、时序数据和日志数据异常检测			
2、矩阵分解、图网络与数据处理			
3、无线网络			
4、已完成或已在承担的主要课题:			
1、国家自然科学基金青年科学基金项目，多跳无线网络中携能传输关键技术研究，61802030，2019.01-2021.12，在研，主持			
2、湖南省科技计划重点研发项目，面向路由的信息和能量联合传输关键技术研究，2016JC2075，2016-2018，结题，主持			
3、湖南省教育厅优秀青年项目，网络时序数据大规模异常检测关键技术研究，19B005，2019.09-2021.12，在研，主持			
4、湖南省教育厅一般项目，多跳无线网络中信息和能量联合传输关键技术研究，16C0047，2016.09-2018.12，结题，主持			

5、校"双一流"国际合作拓展项目，基于群智感知的交通流量大数据关键技术研究，2018IC24，2019.01-2021.12，在研，主持

5、已出版的主要著作：

Kun Xie,**Shiming He**, Xin Wang, Dafang Zhang, Keqin Li, Cooperative Routing in Multi-Radio Multi-Hop Wireless Network, InTech, 10157, 2017.5.11

6、已发表的学术论文：

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1. **Shiming He,**Kun Xie, Kexin Xie, Chuan Xu, Jin Wang, Interference-aware Multi-source Transmission in Multi-radio and Multi-channel Wireless Network.IEEE Systems Journal, 2019, 13(3): 2507-2518. 10.1109/JSYST.2019.2910409 (**高被引、热点论文**)

2. **Shiming He**, Zhuozhou Li, Yangning Tang, Zhuofan Liao, Feng Li and Se-Jung Lim, Parameters Compressing in Deep Learning, CMC: Computers, Materials & Continua, 2020, 62(1):321-336, doi:10.32604/cmc.2020.06130 (SCI)

3. **Shiming He**, Yangning Tang, Zhuozhou Li, Feng Li, Kun Xie, Hye-jin Kim, and Gwang-jun Kim. Interference-Aware Routing for Difficult Wireless Sensor Network Environment with SWIPT. Sensors 2019, 19(18), 3978. doi:10.3390/s19183978. (SCI)

4. **Shiming He**, Kun Xie, Xuhui Zhou, Thabo Semong, Jin Wang . Multi-Source Reliable Multicast Routing with QoS Constraints of NFV in Edge Computing. Electronics. 2019, 8(10), 1106; https://doi.org/10.3390/electronics8101106 (SCI)

5. **Shiming He**, Kun Xie, Weiwei Chen, Dafang Zhang, Jigang Wen, Energy-aware Routing for SWIPT in Multi-hop Energy-constrained Wireless Network, IEEE Access, , 2018, 6: 17996-18008(SCI)

6. Weiwei Chen, Chin-Tau Lea,**Shiming He**, Yuanzhe Xuan, Opportunistic Routing and Scheduling for Wireless Networks, IEEE Transactions on Wireless Communications, 2017, 16(1): 320~331.(SCI,CCF B类)

7. **Shiming He**, Weini Zeng, Kun Xie, Hongming Yang, Mingyong Lai, Xin Su, PPNC: Privacy Preserving Scheme for Random Linear Network Coding in Smart Grid, KSII Transactions on Internet and Information Systems, 2017, 11(3):1510-1533.(SCI)

8. Kun Xie, Kexin Xie,**Shiming He***, Daqiang Zhang, Jigang Wen, Jaime Lloret, Busy Tone Based Channel Access Control for Cooperative Communication, Transactions on Emerging Telecommunications Technologies, 2015.10.1, 26(10):1173~1188(SCI)

9. **Shiming He**, Dafang Zhang[*], Kun Xie, Hong Qiao, Ji Zhang, Channel Aware Opportunistic Routing in Multi-radio Multi-channel Wireless Mesh Network, Journal of Computer Science and Technology, 2014, 29(3):487-501.(SCI,CCF B类)

10. **Shiming He**, Dafang Zhang, Kun Xie, Ji Zhang, Hong Qiao, JORCA: Joint Opportunistic Routing Selection and Channel Assignment, International Journal of Embedded Systems, 2014, 6(2/3): 148-158.(EI)

11. **Shiming He**, Dafang Zhang, Kun Xie, Ji Zhang, Hong Qiao, Opportunistic Routing for Multiple Multicast flows in Wireless Mesh Networks, International Journal of Wireless and Mobile Computing, 2014, 7(1):84-93.(EI)

12. 何施茗，张大方，谢鲲，张继，乔宏，多并发流无线网状网中的机会路由算法，电子学报，2014，42(5):1004~1008.(EI)

13. **Shiming He**, Dafang Zhang, Kun Xie, Hong Qiao, Ji Zhang, A Distributed Low-complexity Channel Assignment for Opportunistic Routing, China Communications, 2012, 9(11):9-22.(SCI)

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14. **Shiming He**, Kun Xie, Weiwei Chen, Dafang ZhangJigang Wen, Simultaneous Wireless Information and Power Transfer for Multi-hop Energy-constrained Wireless

Network.The 12th International Conference on Wireless Algorithms, Systems, and Applications(WASA 2017), Guilin, China, June 18-20, 2017.(CCF C类)

15. **Shiming He**, Ying Li, Kun Xie, Xin Su, Weini Zeng. Efficient Privacy-Preserving kNN Query in Mobile Sensing Systems. IEEE 22nd International Conference on Parallel and Distributed Systems (ICPADS), Wuhan, China, Dec 13-16, 2016 (CCF C类)

16. **Shiming He**, Kun Xie, Kexin Xie, Zhetao Li, Chuan Xu, Interference-aware Multi-source Transmission, IEEE International Symposium on Parallel and Distributed Processing with Applications (ISPA)，Tianjin, China, August 23-26, 2016. (CCF C类)

17. **Shiming He**, Weini Zeng and Kun Xie. Privacy preserving for Network coding in Smart Grid. The 15th International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP 2015), Zhangjiajie, China, November 18-20, 2015.(CCF C类)

18. **Shiming He**, Kun Xie and Dafang Zhang. Completion time-aware Flow Scheduling in Heterogenous Networks. The 15th International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP 2015), Zhangjiajie, China, November 18-20, 2015. (CCF C类)

7、授权专利：

1. 张大方，何施茗，谢鲲，张继，乔宏，一种无线网络中联合机会路由选择和信道分配的方法, 2013.12.10,中国, ZL201310648772.1

2. 张大方，何施茗; 谢鲲;乔宏;张继，一种多射频多信道无线网网状网信道感知的机会路由方法, 2013.12.10,中国, ZL201310646069.7

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5. 张大方，谢鲲，何施茗，雷渊明，基于诱骗数据包的串行网络流量控制方法, 2007.10.30,中国ZL200710305229.6

6. 何施茗，李卓宙，邓玉芳，谢鲲，王进，一种干扰感知的无线携能传输路由方法, 2018.10.9,申请号201811170867.6,

7. 何施茗，李卓宙，唐杨宁，王进，邓玉芳，陈启民，一种神经网络参数压缩方法及相关装置, 2019.5.15,申请号201910402406.5

8、所获学术荣誉及学术影响：

中国计算机学会会员，担任CCF网络与数据通信专委会、互联网专委会委员。
担任电子学报IEEE Access、电子学报、KSII Transactions on Internet and Information Systems等期刊审稿人、担任2017, 2018GlobecomTPC Member

联系方式：smhe_cs@csust.edu.cn