

基本信息

国籍：中国

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教育背景

2010.9 - 2014.6

2017.9-至今

- 2014.9-2017.8

- 2012.3-2013.8

- ### 三 实习

2016.4-2016.9

- 2014.7

-  论文

- **Yinbo Yu**, Xing Li, Xue Leng, Libin Song, Kai Bu, Jianfeng Yang, Yan Chen, Liang Zhang, Kang Cheng and Xin Xiao. Fault management in software-defined networking: a survey. *IEEE Communications Surveys & Tutorials*, 2018. (中科院 SCI 一区 Top 期刊, IF = 22.973)

- **Yinbo Yu**, Jianfeng Yang, Chengcheng Guo, Hong Zheng, Jiancheng He. Joint Optimization of Service Request Routing and Instance Placement in the Microservice System. *Journal of Network and Computer Applications*, 2019. (中科院 SCI 二区 Top 期刊, **IF** = 5.273, CCF C 类期刊)
- **Yinbo Yu**, Xing Li, Kai Bu, Yan Chen, Jianfeng Yang. Falcon: Differential Fault Localization for SDN Control Plane. *Computer Networks*, 2019. (中科院 SCI 三区, **IF** = 3.03, CCF B 类期刊)
- **Yinbo Yu**, You Li, Kaiyu Hou, Yan Chen, Hai Zhou, Jianfeng Yang. CellScope: Automatically Specifying and Verifying Cellular Network Protocols. *SIGCOMM Poster and Demo*, 2019. (CCF A 类计算机网络顶级会议)
- Xing Li*, **Yinbo Yu***, Kai Bu, Yan Chen, Jianfeng Yang, Ruijie Quan. Thinking inside the Box: Differential Fault Localization for SDN Control Plane. *IEEE IM*, 2019.(CCF C 类会议) (* 共同一作)
- Xiaochun Wu, Kaiyu Hou, Xue Leng, Xing li, **Yinbo Yu**, Bo Wu, Kai Bu and Yan Chen. State of the Art and Research Challenges in the Security Technologies of Network Function Virtualization. *IEEE Internet Computing*, 2019. (Accepted, 中科院 SCI 三区)
- Jun Xu, Jianfeng Yang, Yinbo Xie, Chengcheng Guo and **Yinbo Yu**. MDP based link scheduling in wireless networks to maximize the reliability. *Wireless Networks*, 2016, 22(5): 1659-1671. (中科院 SCI 三区, **IF** = 2.405)
- Liang Zhang, Jianfeng Yang, Jun Xu, Chengcheng Guo and **Yinbo Yu**. Channel assignment optimization algorithm based on link throughput and node priority. *Wuhan University Journal of Natural Sciences*, 2015, 20(6): 530-536.
- Kai Wang, Jianfeng Yang, Chengcheng Guo and **Yinbo Yu**. Research on optimal synchronization of shared memory parallel programming. *Science Technology and Engineering*, 2015 (8): 99-102.

i 专业活动

论文审稿: CCS, ICDCS, ESORIC, IEEE/ACM ToN, IEEE Communication Surveys & Tutorials, IEEE System Journals.

学术交流:

- ACM SIGCOMM Conference (计算机网络顶级会议) and ACM Student Research Competition, 北京, 2019. Poster and Oral Presentation: CellScope: Automatically Specifying and Verifying Cellular Network Protocols.
- American Midwest Security Workshop (美国中西部安全 Workshop), 美国芝加哥大学, 2019. Poster: Towards An Automated Framework for Inspecting Security Vulnerabilities in 4G/5G Network Protocols.
- American Midwest Security Workshop (美国中西部安全 Workshop), 美国伊利诺伊大学厄巴纳-香槟分校, 2018. Poster: Thinking inside the Box: Differential Fault Localization for SDN Control Plane.

★ 荣誉与奖励

- 全国高校移动互联网应用大赛**二等奖**, 2014 年 11 月
- 全国研究生电子设计大赛 Altera 杯**一等奖**, 2014 年 8 月
- 全国大学生电子设计大赛湖北省**一等奖**, 2013 年 8 月
- Altera 杯大学生 SOPC 专题竞赛**二等奖**, 2012 年 11 月
- 湖北省大学生电子设计大赛**二等奖**, 2012 年 8 月

⚙ IT 技能

- 编程语言: Java, Python, C/C++, TLA, Matlab, Verilog, HTML
- 软件经验: CPAChecker, LLVM, NuSMV, TLC, CodeSurfer, MATSAT, Altera Quartus II, Altium Designer
- 硬件经验: Cisco OpenFlow Switch, Pica8 switch, OpenWRT router, FPGA, ARM, MCU