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| 郑霄龙 | | |
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| 基本信息 | C:\Users\Sean\AppData\Local\Microsoft\Windows\INetCache\Content.Word\郑霄龙照片.jpg   |  |  | | --- | --- | | 性别：男 | 出生日期：1989年02月20日 | | 国籍：中国 | 出生地：辽宁省丹东市 | | 民族：满族 | 政治面貌：中共党员 | | 电子邮件： [zhengxiaolong.zxl@gmail.com](mailto:zhengxiaolong.zxl@gmail.com)  联系电话： +86-18600836368  个人主页：http://www.greenorbs.org/people/xiaolong/  通信地址：北京市海淀区清华大学东主楼11区208室 | | |
| 研究方向 | 物联网，无线网络，移动计算 |
| 教育背景 | 清华大学 2015年9月 —— 至今  博士后研究员, 软件学院   * 合作导师： 刘云浩教授（Prof. Yunhao Liu）   香港科技大学 2011年9月 —— 2015年6月  博士, 计算机科学与工程系   * 毕业论文题目: Low-power, High-throughput Protocol Design for Wireless Sensor Networks under Heterogeneous Interference * 导师：倪明选教授（Prof. Lionel M. Ni），刘云浩教授（Prof. Yunhao Liu） |
|  | 大连理工大学 2007年9月——2011年7月  工学学士, 软件学院   * 毕业论文题目: Design of CO2 Wireless Sensor Networks Node Based on TinyOS |
| 项目经历 | **项目负责人（Principal Investigator）**：   * National Natural Science Foundation of China (国家自然科学基金面上项目), No. 61672320, Research on Exploiting Wireless Signatures for Coexistence of Wireless Sensor Networks (基于信号特征的无线传感网共存理论与关键技术研究), 2017.01-2020.12. * China Postdoctoral Science Foundation (中国博士后科学基金面上项目), No. 2016M601034, Interference-Resilient Duty Cycling for Low Power Wireless Sensor Networks (共存干扰免疫的无线传感网低功耗关键技术研究), 2016-2018.   **项目联合负责人（Co-PI）**：   * National Natural Science Foundation of China (国家自然科学基金面上项目), No. 61672240, Research on Key Technologies of Situation Computing based on Semantics Location for Mobile Crowd Sensing Environments (移动群智感知中基于位置语义的情景计算关键技术研究), 2017.01-2020.12.   **项目核心参与人员**： GreenOrbs（绿野千传），CitySee。 |
| 发表论文 | * **会议：**（# 本人指导的学生）  1. **Xiaolong Zheng**, Yuan He, Xiuzhen Guo, “StripComm: Interference-Resilient Cross-Technology Communication in Coexisting Environments”, in *Proceedings of IEEE International Conference on Computer Communications* (**INFOCOM**), 2018. (CCF推荐国际会议A类) 2. Xiuzhen Guo#, Yuan He, **Xiaolong Zheng**, Liangcheng Yu, Omprakash Gnawali, “ ZigFi: Harnessing Channel State Information for Cross-Technology Communication”, in the *Proceedings of IEEE International Conference on Computer Communications* (**INFOCOM**), 2018. (CCF推荐国际会议A类) 3. Yilun Zheng, Yuan He, Meng Jin, **Xiaolong Zheng**, Yunhao Liu, “RED: RFID-based Eccentricity Detection for High-speed Rotating Machinery”, in the *Proceedings of IEEE International Conference on Computer Communications* (**INFOCOM**), 2018. (CCF推荐国际会议A类) 4. 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Zhichao Cao, Jiliang Wang, Daibo Liu, **Xiaolong Zheng**, “Chase: Taming Concurrent Broadcast for Flooding in Asynchronous Duty Cycle Networks”, in the *Proceedings of*  *IEEE International Conference on Network Protocols* (**ICNP**), 2016.（CCF推荐国际会议B类） 11. Longfei Shangguan, Zimu Zhou, **Xiaolong Zheng**, Lei Yang, Yunhao Liu, Jinsong Han, “ShopMiner: Mining Customer Shopping Behavior in Physical Clothing Stores with Passive RFIDs”, in the *Proceedings of ACM Conference on Embedded Networked Sensor Systems* (**SenSys**), 2015.（CCF推荐国际会议B类） 12. Daibo Liu, Mengshu Hou, Zhichao Cao, Yuan He, Xiaoyu Ji, **Xiaolong Zheng**, “COF: Exploiting Concurrency for Low Power Opportunistic Forwarding”, in the *Proceedings of IEEE International Conference on Network Protocols* (**ICNP**), 2015.（CCF推荐国际会议B类） 13. 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Longfei Shangguan, Zheng Yang, Zimu Zhou, **Xiaolong Zheng**, Chenshu Wu, Yunhao Liu, “CrossNavi: Enabling Crossroad Navigation for the Blind with Commodity Phones”, in the *Proceedings of ACM International Joint Conference on Pervasive and Ubiquitous Computing* (**Ubicomp**), 2014.（CCF推荐国际会议A类） 16. **Xiaolong Zheng**, Jiliang Wang, Wei Dong, Yuan He, Yunhao Liu, “Survival of the Fittest: Data Dissemination with Selective Negotiation in Wireless Sensor Networks”, in the *Proceedings of IEEE International Conference on Mobile Ad-Hoc and Sensor Systems* (**MASS**), 2013.（CCF推荐国际会议C类）  * **期刊：**（\* 通信作者）  1. **Xiaolong Zheng**, Jiliang Wang, Longfei Shangguan, Zimu Zhou, Yunhao Liu, “Design and Implementation of a CSI-based Ubiquitous Smoking Detection System”, *IEEE/ACM Transactions on Networking*, vol. 25 no. 6, pp. 3781–3793. December 2017. （SCI，影响因子：3.376，CCF推荐国际期刊A类） 2. 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| 学术活动 | * **Submission Chair**: IEEE TrustCom 2014 * **国际会议程序委员会委员（TPC Member）：**   IEEE ICC 2017, 2018  IEEE ISCC 2017, 2018  IEEE ICPADS 2016, 2017  IEEE ISPA 2016, 2017   * **期刊审稿人：**   IEEE Communications Magazine, Transactions on Networking (TON), Transactions on Mobile Computing (TMC), Ad Hoc & Sensor Wireless Networks. |
| 获奖情况 | |  |  | | --- | --- | | Best Student Paper Award, IEEE ICPADS 2017 | 2017年 | | 中国“博士后国际交流计划”引进项目资助 | 2016年 | | 辽宁省优秀毕业生 | 2011年 | |