侯璐♂

个人简历

北京市海淀区西土城路 10 号
+86-15501081468
houlu8674@bupt.edu.cn
https://www.houlu.me
https://github.com/houluy
https://www.linkedin.com/in/houlu
guaguade
astroooooo

博士研究

“面向车联网的移动云网络资源管理与优化研究”，来自 “国家自然科学基金项目”

My research examined the use of ELW pulses from a mode-locked source array inducted through transuranic crystals to observe entanglement on supraquantum structures. Theoretical advancements included prediction of quantum resonance phenomena including the possibility of resonance cascades. I was motivated to conduct this doctoral research due to my passion for teleportation of matter and I believe I have laid the foundation for further experimental validation and development of practical outcomes.

主要研究方向

物联网云平台
LORA 系统
车联网

项目经历

SEP. 2014 – JUN. 2015 (C)

IEEE 802.11p 协议栈与应用开发
开发者

参与开发了车联网 IEEE 802.11p 通信协议的协议栈，并在 ARM 开发板上实现了碰撞预警等应用。

SEP. 2016 – NOW (NODE.JS)

物联网云平台设计与实现
副团队领导人

This position involved transitioning from purely theoretical work to experimental applications utilising the immense resources of Black Mesa. The transition required an initial learning curve in hazard containment, health and safety procedures and operating experimental infrastructure. Manipulating valves, carts, buttons, levers, etc considerably increased my physical fitness.

OCT. 2017 – NOW (NODE.JS)

LoRa 系统设计与实现
团队领导人

设计

SEP. 2015 – NOW (PYTHON)

车联网资源分配算法研究
个人

已发表论文

1. Kan Zheng, **Lu Hou**, Hanling Meng, Qiang Zheng, Ning Lu, Lei Lei, “Soft-defined heterogeneous vehicular network: architecture and challenges,” *IEEE Network*, vol. 30, no. 4, July 2016, pp. 72-80.(IF = 7.23)

教育经历

2014 – 2019 工学博士
智能计算与通信实验室
北京邮电大学

2010 – 2014 工学学士
信息与通信工程学院
北京邮电大学

JUNE 2019 毕业
北京邮电大学

获奖情况

2017 国家奖学金
北京邮电大学智能计算与通信实验室

2018 北京邮电大学博士生创新基金资助项目
北京邮电大学智能计算与通信实验室

2018 第二届良飞奖
北京邮电大学智能计算与通信实验室

计算机技能

精通 Office,

熟悉 Linux,

编程技能

精通 Python, Node.js

熟悉 C, C++, MATLAB, LaTeX, SQL
shell, HTML, Javascript, CSS

了解 Go, Rust, lisp, Java

英语技能

具有熟练地听、说、读、写的英语能力

技能

Goal Oriented

I believe in action over long-winded discussions. I listen to everyone’s viewpoints and use my judgement to immediately act based on consensus to achieve goals quickly and efficiently.

Physical Dexterity

Manual manipulation of experimental equipment and training within Black Mesa (e.g. the Hazard Course) have contributed to an enjoyment of working with my hands.

Passionate

2. **Lu Hou**, Shaohang Zhao, Xiong Xiong, Kan Zheng, Periklis Chatzimisios, M. Shamim Hossain, Wei Xiang, "Internet of things cloud: architecture and implementation," *IEEE Communications Magazine*, vol. 54, no. 12, Dec. 2016, pp. 32-39. (IF = 10.435)

3. **Lu Hou**, Shaohang Zhao, Xing Li, Periklis Chatzimisios, Kan Zheng, "Design and implementation of application programming interface for Internet of things cloud," *International Journal of Network Management*, vol. 27, no. 3, June 2016. (IF = 1.118)

4. **Lu Hou**, Kan Zheng, Periklis Chatzimisios, Yi Feng, "A continuous-time Markov decision process-based resource allocation scheme in vehicular cloud for mobile video services," *Computer Communications*, vol. 118, Mar. 2018, pp. 140-147. (IF = 3.338)

5. **Lu Hou**, Lei Lei, Kan Zheng, "Design on publish/subscribe message dissemination for vehicular networks with mobile edge computing," *2017 IEEE GLOBECOM*, Dec. 2017

6. Xiong Xiong, **Lu Hou**, Kan Zheng, Wei Xiang, M. Shamim Hossain, and Sk Md Mizanur Rahman, "SMDP-based radio resource allocation scheme in software-defined internet of things networks," *IEEE Sensors Journal* vol. 16, no. 20, June 2016, pp. 7304-7314. (IF = 2.512)

7. Xiong Xiong, **Lu Hou**, Long Zhao, "A Group-Based Massive Multiple Access Scheme in Cellular M2M Networks," *Computer Communications*, vol. 121, May. 2018, pp. 44-49. (IF = 3.338)

I have been interested in theoretical physics such as quantum mechanics and relativity from an early age. My education and research have cemented this interest into a passion. I greatly enjoy carrying out fundamental physics research with potential practical applications.

Lu Hou♂

Curriculum Vitae

No. 10, Xitucheng Road, Beijing
+86-15501081468
houlu8674@bupt.edu.cn
https://www.lucima.cn
https://github.com/username
https://www.linkedin.com/in/username
guaguade
astroooooo

DOCTORAL RESEARCH

"Research on Resource Management and Optimization of Mobile Cloud Networks for Internet of Vehicles" from *The National Natural Science Foundation of China*

My research examined the use of ELW pulses from a mode-locked source array inducted through transuranic crystals to observe entanglement on supraquantum structures. Theoretical advancements included prediction of quantum resonance phenomena including the possibility of resonance cascades. I was motivated to conduct this doctoral research due to my passion for teleportation of matter and I believe I have laid the foundation for further experimental validation and development of practical outcomes.

MAJOR RESEARCH DIRECTIONS

INTERNET OF THINGS CLOUD
LORA SOLUTIONS
VEHICULAR NETWORKS

PROJECT EXPERIENCES

CURRENT, FROM JAN 1995 (FT)

Black Mesa Research Facility
Team Leader (Anomalous Materials)

As part of this promotion, I began conducting nuclear and subatomic research in the Anomalous Materials department. My team and I are particularly interested in dimensionality and its interaction with spacetime. The focus is on practical outcomes and applications in teleportation and communication with distal locations.

FEB 1991 – JAN 1995 (FT)

Black Mesa Research Facility
Level 3 Research Associate

This position involved transitioning from purely theoretical work to experimental applications utilising the immense resources of Black Mesa. The transition required an initial learning curve in hazard containment, health and safety procedures and operating experimental infrastructure. Manipulating valves, carts, buttons, levers, etc considerably increased my physical fitness.

JUL 1982 – DEC 1984 (PT)

WashPests Limited
Pest Control Technician

In this summer job I was tasked with helping eradicate pests from industrial areas. Work involved setting traps, spraying and physical eradication. I received praise for reaching difficult areas and my innovative use of a crowbar to assist in my work.

EDUCATION

2014 – 2019 **Doctor of Philosophy**
Intell. Comput. and Commun. Lab
Beijing Univ. of Posts and Telecom.

2010 – 2014 **Bachelor of Engineering**
School of Inform. and Commun. Eng.
Beijing Univ. of Posts and Telecom.

JUNE 2019 **Graduation**
Beijing Univ. of Posts and Telecom.

AWARDS

2017 **China National Scholarship**
Intell. Comput. and Commun. Lab
Beijing Univ. of Posts and Telecom.

2018 **BUPT Excellent Ph.D. Students Foundation**
Intell. Comput. and Commun. Lab
Beijing Univ. of Posts and Telecom.

2018 2^{th} **LiangFei Scholarship**
Intell. Comput. and Commun. Lab
Beijing Univ. of Posts and Telecom.

PROGRAMMING SKILLS

EXPERT	Python, Node.js
INTERMEDIATE	C, C++, MATLAB, LaTeX, SQL shell, HTML, Javascript, CSS
BEGINNER	Go, Rust, lisp, Java

ENGLISH SKILLS

Able to *Listen*, *Speak*, *Read* and *Write* English skillfully.

SKILLS

Goal Oriented

I believe in action over long-winded discussions. I listen to everyone's viewpoints and use my judgement to immediately act based on consensus to achieve goals quickly and efficiently.

Physical Dexterity

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PUBLICATIONS

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7. Xiong Xiong, **Lu Hou**, Long Zhao, "A Group-Based Massive Multiple Access Scheme in Cellular M2M Networks," *Computer Communications*, vol. 121, May. 2018, pp. 44-49. (IF = 3.338)

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