

周鹏远

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研究领域	边缘计算, 车联网, 内容传输网络, 信息中心网络	
教育	赫尔辛基大学, 芬兰	预期毕业 12 月, 2019
	博士, 计算机科学	
	导师: Jussi Kangasharju 教授 (链接), Pan Hui 教授, 欧洲科学院院士, IEEE fellow (链接)	
	北京大学	1 月, 2015
技能	硕士, 电子信息工程	
	导师: 胡四泉教授	
	北京大学	7 月, 2011
	学士, 智能科学与技术	
经验	编程: Python, C++, Java, C, BASH, HTML5, L ^A T _E X	
	工具:	
	<ul style="list-style-type: none">• Edgex Foundry (边缘计算服务器框架),• Veins (车联网模拟器),• SUMO (车流量模拟器),• Darknet (物体识别算法),• Mavros (无人机通信模拟器),• Icarus (信息中心网络模拟器)	
	开发: Linux 内核, 树莓派内核, IEEE 802.11p, 安卓 AR 应用	
	语言: 中文 (母语), 英语 (商用, GRE(320/340))	
	香港科技大学	2018.02-2018.06
	访问学者	
	与香港科技大学-德国电信联合实验室合作研究边缘计算在车联网的部署与应用。	
	Host: Pan Hui 教授	
	UNINETT, 挪威	2017.02-2017.06
	访问学者	
	与 UNINETT 学者合作研究基于用户兴趣相似度的用户请求分类对内容中心网络服务性能的影响。	
	Host: Otto J Wittner 教授	
	锐捷网络	2013-2014
	网络工程师实习	
	参与 863 子项目, 关于软件定义网络在数据中心间的应用。	

奖学金	玛丽居里奖学金 CleanSky ITN (链接) Funded by the Marie-Curie-Actions within the 7th Framework Programme of the European Union (EU FP7)	2015-2018
	研究生一等奖学金 研究生入学考试第一 电子工程系, 北京科技大学	2012-2015
项目	Where's My Data	芬兰科学院
	The project investigates distributed data management in edge computing environments, targeting Industrial Internet applications. 项目负责: <i>Jussi Kangasharju</i> 教授 (赫尔辛基大学)	2018-2019
	CleanSky ITN	欧盟
	http://www.cleansky-itn.org/ CleanSky aims to develop innovative ideas in the emerging areas within the “eco-system” of cloud computing. Collaboration: Nine university of industrial institutes in Europe, China and USA. 项目负责: 傅晓明教授 (哥廷根大学)	2014-2018
DEMO	ARHUD	
	The demo shows a road test in Helsinki city center, for sharing augmented vehicular vision facilitated by edge computing. Link: Video Role: Major developer	
	SemanticSLAM	
	The demo shows a real test to realize SLAM and object detection simultaneously in real time via offloading to edge server. Link: Video Role: Sole developer	
论文	<ul style="list-style-type: none"> [In Review] Analyzing Multipath Computation Offloading for Mobile Augmented Reality: Latency, Scheduling and Optimizations T. Braud, P. Zhou, J. Kangasharju and P. Hui IEEE INFOCOM 2020 	INFOCOM'20
	<ul style="list-style-type: none"> [审核中] Edge-facilitated Augmented Vision in Vehicle-to-Everything Network P. Zhou, T. Braud, W. Zhang, P. Hui and J. Kangasharju 40th IEEE Real-Time Systems Symposium 	RTSS'19

- [审核中] Pruning Edge Research with Latency Shears HotNets'19
N. Mohan, A. Zavodovski, **P. Zhou**, W. Wong, O. Waltari, and J. Kangasharju
15th International Conference on emerging Networking EXperiments and Technologies
- [审核中] Cumulus: Unified Cloud Computing as a Commodity CoNEXT'19
W. Wong, A. Zavodovski, **P. Zhou**, N. Mohan, and J. Kangasharju
15th International Conference on emerging Networking EXperiments and Technologies
- Enhanced Augmented Reality Applications in Vehicle-to-Edge Networks ICIN'19
P. Zhou, W. Zhang, T. Braud, P. Hui and J. Kangasharju
22nd Conference on Innovation in Clouds, Internet and Networks
- DeCloud: Truthful Decentralized Double Auction for Edge Clouds ICDCS'19
A. Zavodovski, S. Bayhan, N. Mohan, **P. Zhou**, W. Wong, J. Kangasharju
39th International Conference on Distributed Computing Systems
- ERL: Edge Based Reinforcement Learning for Optimized Urban Traffic Light Control SmartEdge'19
P. Zhou, T. Braud, A. Alhilal, P. Hui and J. Kangasharju
2019 Percom Workshop on Smart Edge Computing and Networking
- Augmented Reality Applications in Vehicle to Edge Networks MECOMM'18
P. Zhou, W. Zhang, T. Braud, P. Hui and J. Kangasharju
2nd ACM SIGCOMM Workshop on Mobile Edge Communications Networking
- Anveshak: Placing Edge Servers In The Wild MECOMM'18
N. Mohan, A. Zavodovski, **P. Zhou** and J. Kangasharju
2nd ACM SIGCOMM Workshop on Mobile Edge Communications Networking
- Managing Data in Computational Edge Clouds MECOMM'17
N. Mohan, **P. Zhou**, K. Govindaraj, and J. Kangasharju
1st ACM SIGCOMM Workshop on Mobile Edge Communications Networking
- Grouping Computational Data in Resource Caches of Edge-Fog Cloud CrossCloud'17
N. Mohan, **P. Zhou**, K. Govindaraj, and J. Kangasharju
ACM EuroSys Workshop on CrossCloud Infrastructures and Platforms
- Profiling and Grouping Users to Edge Resources According to User Interest Similarity CAN'16
P. Zhou and J. Kangasharju
ACM CoNEXT Workshop on Cloud-Assisted Networking

学术服务	<p>中欧计算机协会 http://ceacs.eu/ 旨在推动中欧计算机科学技术的产学研合作发展。</p>	Co-founder & Chair 2017 至今
	PerCrowd 2020 (to be co-located with IEEE Percom)	Publicity Chair
	<p>安全智慧城市 workshop (活动链接) 上海市人民政府 ICT 考察团与芬兰赫尔辛基大学，阿尔托大学和图尔库大学 关于安全智慧城市的为期一周的交流讲座。</p>	Chair
	<p>边缘计算编程马拉松 (活动链接) 芬兰首届关于边缘计算的编程马拉松。优胜者奖金 2000 欧元。</p>	Chair
	<p>第三届 CleanSky 国际会议 第二届 CleanSky 暑期学校</p>	<p>组织者 组织者</p>
演讲	IEEE ICC'18 CQRM	审稿人
	<ul style="list-style-type: none"> Enhanced Augmented Reality Applications in Vehicle-to-Edge Networks 发表文章演讲 at IEEE ICIN 2019 	巴黎, 2019
	<ul style="list-style-type: none"> ERL: Edge Based Reinforcement Learning for Traffic Light Control 发表文章演讲 at SmartEdge 2019 (IEEE Percom) 	京都, 2019
	<ul style="list-style-type: none"> Augmented Reality Applications in Vehicle to Edge Networks 发表文章演讲 at MECOMM 2018 (ACM SIGCOMM) 	布达佩斯, 2018
	<ul style="list-style-type: none"> The era of Edge 边缘计算编程马拉松介绍演讲 	赫尔辛基, 2017
	<ul style="list-style-type: none"> User Interest Profiling 邀请演讲 at GI-Dagstuhl Seminar 16353 	Dagstuhl, 2016
	<ul style="list-style-type: none"> Profiling and Grouping Users to Edge Resources 发表文章演讲 at CAN 2016 (ACM CoNEXT) 	尔湾, 加州 2016
教学	<p>网络系统与服务 赫尔辛基大学</p>	助教, 2018
	<p>网络系统与服务 赫尔辛基大学</p>	助教, 2017
	<p>C++ 北京科技大学</p>	助教, 2014
推荐人	<p>Jussi Kangasharju 教授 (链接) 赫尔辛基大学 jussi.kangasharju@helsinki.fi</p>	
	Pan Hui 教授 (链接)	

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