

周鹏远

个人网页: <https://www.cs.helsinki.fi/u/pengzhou>

pengyuan.zhou@helsinki.fi

领英: <https://www.linkedin.com/in/pengyuan-zhou-102b3894>

(+358) 400256702

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	<p>赫尔辛基大学, 芬兰</p> <p>博士, 计算机科学</p> <p>导师: <i>Jussi Kangasharju</i> 教授 (链接), <i>Pan Hui</i> 教授 (链接)</p> <p>1 月, 2015</p> <p>预期毕业 11 月, 2019</p> <p>北京科技大学</p> <p>硕士, 电子信息工程</p> <p>导师: 胡四泉教授</p> <p>7 月, 2011</p> <p>北京科技大学</p> <p>学士, 智能科学与技术</p>	
技能	<p>编程: Python, C++, Java, C, BASH, HTML5, L^AT_EX</p> <p>工具:</p> <ul style="list-style-type: none">• Edgex Foundry (边缘计算服务器框架),• Icarus (信息中心网络模拟器),• Veins (车联网模拟器),• SUMO (车流量模拟器),• Darknet (物体识别算法) <p>开发: Linux 内核, 树莓派内核, IEEE 802.11p, 安卓 AR 应用</p> <p>语言: 中文 (母语), 英语 (商用, <i>GRE(320/340)</i>)</p>	
经验	<p>香港科技大学</p> <p>访问学者</p> <p>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。</p> <p>Host: <i>Pan Hui</i> 教授</p> <p>2018.02-06</p> <p>UNINETT, 挪威</p> <p>访问学者</p> <p>与 UNINETT 研究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。</p> <p>Host: <i>Otto J Wittner</i> 教授</p> <p>2017.02-06</p> <p>锐捷网络</p> <p>网络工程师实习</p> <p>参与 863 子项目, 关于软件定义网络在数据中心间的应用。</p> <p>2013-2014</p>	

奖学金	<p>玛丽居里奖学金</p> <p><i>CleanSky ITN</i> (链接)</p> <p>Funded by the Marie-Curie-Actions within the 7th Framework Programme of the European Union (EU FP7)</p>	2015-2018
	<p>研究生一等奖学金</p> <p>研究生入学考试第一</p> <p>电子工程系, 北京科技大学</p>	2012-2015
项目	<p>Where's My Data</p> <p>The project investigates distributed data management in edge computing environments, targeting Industrial Internet applications.</p> <p>项目负责: <i>Jussi Kangasharju</i> 教授 (赫尔辛基大学)</p>	<p>芬兰科学院</p> <p>2018-2019</p>
	<p>CleanSky ITN</p> <p>http://www.cleansky-itn.org/</p> <p>CleanSky aims to develop innovative ideas in the emerging areas within the “eco-system” of cloud computing.</p> <p>Collaboration: Nine university of industrial institutes in Europe, China and USA.</p> <p>项目负责: 傅晓明教授 (哥廷根大学)</p>	<p>欧盟</p> <p>2014-2018</p>
论文	<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
	<ul style="list-style-type: none"> [审核中] Container Scheduling Strategy for Edge Networking W. Wong, A. Zavodovski, P. Zhou, O. Waltari, and J. Kangasharju IEEE Global Communications Conference 2019 	Globecom'19
	<ul style="list-style-type: none"> Enhanced Augmented Reality Applications in Vehicle-to-Edge Networks P. Zhou, W. Zhang, T. Braud, P. Hui and J. Kangasharju 22nd Conference on Innovation in Clouds, Internet and Networks 	ICIN'19
	<ul style="list-style-type: none"> DeCloud: Truthful Decentralized Double Auction for Edge Clouds A. Zavodovski, S. Bayhan, N. Mohan, P.Zhou, W. Wong, J. Kangasharju 39th International Conference on Distributed Computing Systems 	ICDCS'19
	<ul style="list-style-type: none"> ERL: Edge Based Reinforcement Learning for Optimized Urban Traffic Light Control P. Zhou, T. Braud, A. Alhilal, P. Hui and J. Kangasharju 2019 Percom Workshop on Smart Edge Computing and Networking 	SmartEdge'19

	<ul style="list-style-type: none"> Augmented Reality Applications in Vehicle to Edge Networks P. Zhou, W. Zhang, T. Braud, P. Hui and J. Kangasharju 2nd ACM SIGCOMM Workshop on Mobile Edge Communications Networking 	MECOMM'18
	<ul style="list-style-type: none"> Anveshak: Placing Edge Servers In The Wild N. Mohan, A. Zavodovski, P. Zhou and J. Kangasharju 2nd ACM SIGCOMM Workshop on Mobile Edge Communications Networking 	MECOMM'18
	<ul style="list-style-type: none"> Managing Data in Computational Edge Clouds N. Mohan, P. Zhou, K. Govindaraj, and J. Kangasharju 1st ACM SIGCOMM Workshop on Mobile Edge Communications Networking 	MECOMM'17
	<ul style="list-style-type: none"> Grouping Computational Data in Resource Caches of Edge-Fog Cloud N. Mohan, P. Zhou, K. Govindaraj, and J. Kangasharju ACM EuroSys Workshop on CrossCloud Infrastructures and Platforms 	CrossCloud'17
	<ul style="list-style-type: none"> Profiling and Grouping Users to Edge Resources According to User Interest Similarity P. Zhou and J. Kangasharju ACM CoNEXT Workshop on Cloud-Assisted Networking 	CAN'16
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> <p>安全智慧城市 workshop (活动链接) 上海市政府 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> <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> <p>第三届 CleanSky 国际会议</p> <p>第二届 CleanSky 暑期学校</p> <p>IEEE ICC'18 CQRM</p>	<p>Co-founder & Chair 2017 至今</p> <p>Chair</p> <p>Chair</p> <p>组织者</p> <p>组织者</p> <p>审稿人</p>
演讲	<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 ERL: Edge Based Reinforcement Learning for Traffic Light Control 发表文章演讲 at SmartEdge 2019 (IEEE Percom) Augmented Reality Applications in Vehicle to Edge Networks 发表文章演讲 at MECOMM 2018 (ACM SIGCOMM) The era of Edge 边缘计算编程马拉松介绍演讲 	<p>巴黎, 2019</p> <p>京都, 2019</p> <p>布达佩斯, 2018</p> <p>赫尔辛基, 2017</p>

	<ul style="list-style-type: none"> • User Interest Profiling 邀请演讲 at GI-Dagstuhl Seminar 16353 • Profiling and Grouping Users to Edge Resources 发表文章演讲 at CAN 2016 (ACM CoNEXT) 	<p>Dagstuhl, 2016</p> <p>尔湾, 加州 2016</p>
教学	<p>网络系统与服务 赫尔辛基大学</p> <p>网络系统与服务 赫尔辛基大学</p> <p>C++ 北京科技大学</p>	<p>助教, 2018</p> <p>助教, 2017</p> <p>助教, 2014</p>
推荐人	<p>Jussi Kangasharju 教授 (链接) 赫尔辛基大学 jussi.kangasharju@helsinki.fi</p> <p>Pan Hui 教授 (链接) 香港科技大学, 赫尔辛基大学 pan.hui@helsinki.fi</p> <p>傅晓明 (link) 哥廷根大学 fu@cs.uni-goettingen.de</p>	