Pengyuan Zhou

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OVERVIEW

Networking Researcher, Marie Curie ITN Fellow, PhD candidate.
Research interests include Edge Computing, Content Delivery Network, Information Centric Networks, Software Defined Network

EXPERIENCE

Chairman   2017-now
China Europe Association for Computer Science (http://ceacs.eu/)

- Led the association for promoting Industry-University-Research Collaboration in computer science between China and Europe.

Visiting Researcher   2018.02-06
Hong Kong University of Science and Technology, Hong Kong

- Collaborated with HKUST-DT System and Media Laboratory led by Prof. Pan Hui, for Edge Computing powered Vehicle Network

Visiting Researcher   2017.02-06
UNINETT, Norway

- Collaborated with Dr. Otto and UNINETT for clustering user request upon similarity to optimize CDN performance.

Network Engineer Intern   2013-2014
Ruijie Networks, China

- Participated in National 863 subproject on SDN.

EDUCATION

PhD Computer Science   2015-2019
University of Helsinki, Finland
 Advisor: Jussi Kangasharju (UH) / Pan Hui (HKUST)

M.Sc Electrical Engineering   2012-2015
University of Science and Technology Beijing
 Research advisors: Siquan Hu

B.Sc Intelligent Science   2007-2011
University of Science and Technology Beijing

PAPER

6. **P. Zhou**, W. Zhang, T. Braud, P. Hui and J. Kangasharju, "Enhanced Augmented Reality Applications in Vehicle-to-Edge Networks", *Under review of ACM CoNEXT, long paper* , (2018).

5. **P. Zhou**, W. Zhang, T. Braud, P. Hui and J. Kangasharju, "Augmented Reality Applications in Vehicle to Edge Networks", *In Proceedings of the 2nd ACM SIGCOMM Workshop on Mobile Edge Communications Networking* , (2018).

4. N. Mohan, A. Zavodovski, **P. Zhou** and J. Kangasharju, "Anveshak: Placing Edge Servers In The Wild", *In Proceedings of the 2nd ACM SIGCOMM Workshop on Mobile Edge Communications Networking* , (2018).

3. N. Mohan, **P. Zhou**, K. Govindaraj, and J. Kangasharju, "Managing Data in Computational Edge Clouds", *In Proceedings of the 1st ACM SIGCOMM Workshop on Mobile Edge Communications Networking* , (2017).

2. N. Mohan, **P. Zhou**, K. Govindaraj, and J. Kangasharju, "Grouping Computational Data in Resource Caches of Edge-Fog Cloud", *4th Workshop on CrossCloud Infrastructures and Platforms, EuroSys Conference* , (2017).

1. **P. Zhou** and J. Kangasharju, "Profiling and Grouping Users to Edge Resources According to User Interest Similarity", *In Proceedings of the ACM CoNEXT Workshop on Cloud-Assisted Networking* , (2016).

ORGANIZATIONAL SKILL

Organizing Chair 2017.12
Smart City Security Workshop (link)

- The workshop focusing on Smart City Security, in University of Helsinki, Aalto University and University of Turku.

Organizing Chair 2017.11
Edge Bootcamp & Hackathon (link)

- The first ever bootcamp & hackathon focusing on "Edge Computing", with 2000 eur winner prize in Helsinki, Finland.

Co-Organizer 2016.05
2nd CleanSky Summer School (link)

- The 2nd summer school for CleanSky ITN project in Helsinki, Finland.

SCHOLARSHIP

- **EU Marie-Curie Fellowship** 2015-2018
- **Full Scholarship for master program** 2012-2015

SKILL

- **Python, C, Shell, C++, HTML, CSS, Linux**

- **Chinese (native), English (business level, GRE(320/340))**