

Faculty and Research Interests

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Education

2007 Ph.D. Computer Science and Information Engineer, National Taiwan University

Experience

2012/10~now: Assistant Professor, Dept. of Computer Science and Information Engineering, National Taiwan University of Science and Technology

2007/10~2012/9: Postdoctoral Researcher, Graduate Institute of Communication Engineering, National Taiwan University

2012/7~2012/8: Visiting Postdoctoral Researcher, Vodafone Chair, Technical University of Dresden, Germany

2010/10: Visiting Postdoctoral Researcher, Center for TeleInfrastruktur, Aalborg University, Denmark

2008/7: Visiting Postdoctoral Researcher, Dept. of Telecommunications, Supelec, France

Research Interests

- 4G/5G communications network (including cognitive radio technology, device-to-device communications)
- cyber-physical systems (including machine-to-machine communications, smart grid)
- network science (including mobile social network, complex network)
- network security (including privacy, key management, trustworthiness)

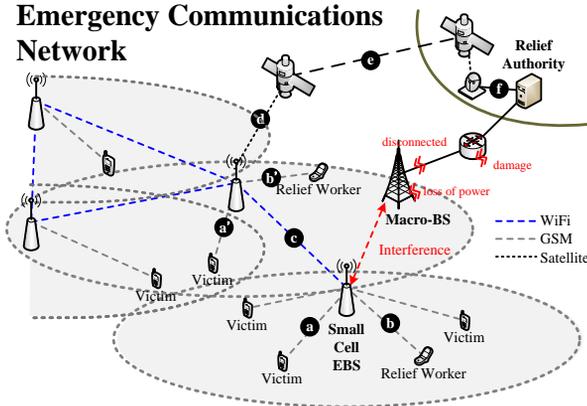
Award

- 2013 Young Scholar Award at National Taiwan University of Science and Technology
- IEEE PIMRC 2013 Best Paper Award
- IEEE COMSOC Technology News, Sep. 2012

Current Project

- Design of self-organized buoy base station for marine emergency communications
- Emergency float base station
- Security of cognitive radio networks: Attack and defense
- A platform for developing privacy-preserved applications on M2M communication networks

Emergency Communications Network



4G LTE-Advanced HetNet

