



學術報告

Edge Computing for Internet of Things



报告人: Prof. Yan Zhang

University of Oslo, Norway
Department of Informatics

时间: 7月7日 星期五 上午 9:30

地点: 浙江大学工控新楼501室

Biography: Prof. Yan Zhang is Full Professor at the Department of Informatics, University of Oslo, Norway. He received a PhD degree in School of Electrical & Electronics Engineering, NTU, Singapore. He serves as an Associate Technical Editor of IEEE Communications Magazine, an Editor of IEEE Transactions on Green Communications and Networking, an Editor of IEEE Communications Surveys & Tutorials, an Editor of IEEE Internet of Things Journal, and an Associate Editor of IEEE Access. He serves as chair positions in a number of conferences, including IEEE GLOBECOM 2017, IEEE VTC-Spring 2017, IEEE PIMRC 2016, IEEE CloudCom 2016, IEEE SmartGridComm 2015, and IEEE CloudCom 2015. He serves as TPC member for numerous international conferences including IEEE INFOCOM, IEEE ICC, and IEEE GLOBECOM. His current research interests include: next-generation wireless networks leading to 5G, reliable and secure CPS.

In this talk, we will first present the key concepts and architectures related to edge computing in the era of Internet of Things (IoT). Then, we mainly focus on edge computing for Internet of Vehicles, which is the typical application of IoT. In this context, we will present our recent studies related to delay-constrained offloading, predictive offloading, and energy-efficient offloading schemes.