美国Stevens Institute of Technology学院Yu-Dong Yao教授讲座海报

**时间：2015年6月15日下午14:30**

**地点：南一楼西203（电信学院报告厅）**

Title：Cognitive Radio Research: Spectrum Sensing and Identification of Radio Terminals and Malicious Users

Abstract：Cognitive radio is a promising technology for improving spectrum utilization and providing opportunities for new and advanced wireless services. Challenging research issues in cognitive radio include spectrum sensing and network security. This presentation reports recent research activities and results in cooperative spectrum sensing, classification and identification of cognitive radio terminals using machine learning algorithms, and techniques for countering malicious users and attacks. We will also discuss issues related to research methods and skills, research collaborations, research publications, citations, etc.

**个人简介：**

Dr. Yu-Dong Yao has been with Stevens Institute of Technology, Hoboken, New Jersey, since 2000 and is currently a professor and department director of electrical and computer engineering. He received B.Eng. (1982) and M.Eng. (1985) from Nanjing University of Posts and Telecommunications and Ph.D. (1988) from Southeast University. From 1989 to 2000, he worked for Carleton University, Ottawa, Spar Aerospace Ltd., Montreal, and Qualcomm Inc., San Diego. His research interests include wireless communications and cognitive radio. He served as editor or associate editor of IEEE Transactions on Wireless Communications, IEEE Transactions on Vehicular Technology, and IEEE Communications Letters. He is an IEEE Fellow and IEEE ComSoc Distinguished Lecturer.