Speaker: Dr. Sunho Lim

Title:When Dynamic Source Routing meets IEEE 802.11 Power Saving Mode

Abstract: First, we briefly introduce what we are doing in the lab, TWISTOR: TTU Wireless Mobile Networking Laboratory. Second, we present a new communication mechanism, called RandomCast, via which a sender can specify the desired level of overhearing, making a prudent balance between energy and routing performance. Since some mobile ad hoc network routing protocols such as Dynamic Source Routing collect route information via overhearing, they would suffer if they are used in combination with 802.11 PSM.