AUTONOMOUS CONTROL & INFO TECH

TOPIC	Change detection in non-stationary time series based on genetic algorithm
AREA	Wireless Communication in Multi Agent Robotic System
SPEAKER	Niloofar Bahadori, PhD students, North Carolina A&T State University
DATE	5 August 2015, Wednesday
TIME	11:00 AM to 12:00 PM
VENUE	ACIT Center, Room 342, Fort IRC Bldg., North Carolina A&T State University
FEES	No Charge

SYNOPSIS

The unprecedented advancements in area of electronics communication and networked robotic in past decades, make robots became more intelligent and cognitive, robust and power-efficient. These features, lead them to handle more and more teamwork. In the system of mobile robots, inter-robots communication plays a key role, to exchange the information collected through robots' sensors and negotiate task scheduling with other robots in team. In these cases, wireless communication provides the low cost solutions for mobile robot networks to cooperate efficiently. In this presentation we are going to review possible ways of communication in multi agent system and also possible solution for communication among cognitive multi agent systems.

ABOUT THE SPEAKER

Niloofar Bahadori has received her M. Sc and B. Sc in Electrical Engineering from Isfahan University. She is now PhD student at NC A&T State University from December 2014 and working in WiNIP laboratory on cognitive device to device communication.