

## **TC Activities Report (November, 2013-May, 2014): Manufacturing Automation and Robotic Control (MARC)**

### **Summary**

The TC on manufacturing automation and robotic control has been reorganized to pinpoint the trend in the focused area, to better serve the interests of members, and to expand its scope of activities. Several new activities have been performed during the last six months.

### **TC Meetings**

Annual TC meeting is planned at ACC 2014 in Portland.

### **Membership**

A linkedin group has been created for memberships. This group is used to share funding information, trends in research, and other discussions that might be of interests to members. The group now contains 14 members and start to see posts from its members.

### **Conference Activities**

One tutorial session on "Coordinated Control: Models and Mechanisms from Collective Animal Behavior" was given at the IEEE CDC 2013.

Two invited sessions have been organized on Applications of Control Theory in Physical Medicine & Rehabilitation for ACC 2014. These sessions are co-organized with TC-MHS. Another invited session on "Cooperation under Communication Constraints" have also been accepted by ACC 2014.

### **Other Activities**

TC chairs and members are actively involved in organizing conferences, workshops and symposiums. This includes serving on the organizing committees and program committees of major control and robotics conferences. The TC is also actively seeking opportunities to co-organize and co-sponsor workshops and symposiums that expands the frontiers of robotic control and manufacturing automation.