

Networks and Communications

Chair: Daniel Quevedo

Membership and Organization

The TC currently has 21 members. It is organized into four working groups: Resource Allocation and Network Economics (chaired by Peter Marbach), Optimization and Game Theoretic Methods in Networks (chaired by Ali Jadbabaie), Networked Sensing and Sensor Networks (Venkatesh Saligrama) and Network Control Systems (chaired by Sekhar Tatikonda).

Activities

Various TC members serve as journal editors, in conference program committees and have also proposed special sessions at conferences for 2015 and 2016.

Since December 2014 one special issue in CSM, one in TAC and one in IET Control Theory and Applications were published with members of the TC serving as guest editors.

The 5th IFAC Workshop on Distributed Estimation and Control in Networked Systems will be held in September 2015, with two TC members in the organizing committee. TC members also organized the 1st Symposium on the Control of Network Systems in October 2014.

Next meeting

The TC will meet during CDC 2015 in Osaka. Unfortunately, neither the current nor the past TC chair were able to attend ACC this year. One of the points on the agenda in Osaka will be potential TC re-focusing to better align it with the the IEEE TCNS.