

June 2017 Activity Report

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Details of Meetings

A meeting of the Technical Committee on Nonlinear Systems and Control was held on December 13, 2016, in CDC 2016. Nine people attended. Update of TC members and activities during the six months were reported. Possible cooperation between this committee and IFAC Technical Committee of Non-Linear Control Systems was discussed. The status of updating the TC Web site was reviewed. TC members were asked to submit updates of their information if necessary, including research keywords. Ideas of posting useful information on the website for TC members as well as non-experts and normal people were exchanged. The members were encouraged to continuously pursue possibilities to organize invited sessions, special issues and workshops in major IEEE conferences, IFAC and other meetings sponsored or cosponsored by IEEE. It is approved unanimously that this TC will continue to nominate AEs for CEB. There was no opinion about the IEEE initiative of IoT. As a general policy, all participants agreed with the idea of being inclusive instead of exclusive.

Membership

The TC has currently 40 members in total. The TC welcomed one new member in this period. Hiroshi Ito continues to serve as Chair for 2017.

Awards and Recognition

- Graziano Chesi was nominated as a Fellow of IEEE.
- Kristi Morgansen was appointed to the US Defense Sciences Study Group.

Activities

A member gave a plenary talk in AC3E Summer Workshop on Automatic Control.

Conference and Workshops

- A member is acting as a program co-chair for hosting MTNS 2018.
- Other TC members are chairs and members of committees for major conferences such as IEEE Conf. Decision and Control, American Control, and Control and the IFAC World Congress.

Invited Sessions

Several members organized invited sessions in IEEE sponsored or cosponsored meetings such as IEEE Conf. Decision and Control, IEEE Int. Conf. Control and Automation, Annual Conference of the IEEE Industrial Electronics Society, Chinese Control Conference, SICE Annual Conference. Some members proposed open invited tracks in IFAC World Congress.

Journal Special Issues

We have not yet reached any concrete plan of proposing a journal special issue in the near future.

Material Added to TC Webpage

- Information of TC members in the roster was updated.
- New information of events and useful links were added.
- Information about the research interests of TC members was also updated.

Wikipedia

We are still looking for volunteers in the TC for checking and editing pages of related topics in Wikipedia.

Other Activities

None