

Minutes of
IEEE CSS TC-SIAC and HSM meeting
ACC 2019, Philadelphia, Pennsylvania, USA
Philadelphia Marriott Downtown hotel
Friday, July 12th, 2019

Number of attendees: 17

Meeting duration: 1h30

The slides used for this meeting are available on the TC web-page <http://system-identification.ieeecss.org/tc-system-identification/documents>

Summary of the main ideas discussed during the meeting

In addition to a description of the main recently completed/on-going activities of the TC (see slides for more details), the main part of this meeting has been dedicated to discussions concerning Involvement of PhD students in the TCs, TC funds, organization of workshops, new special issues and the TC website.

TC membership and PhD students involvement

As you know, IEEE-CSS bylaws state that membership in a TC is available to any member in good standing, upon request (CV + proof of IEEE membership). This means that PhD students can become TC members as well. All the TC members present during this TC meeting think that inviting PhD students during TC meetings and suggesting them to become TC members is a good idea.

Feel free to promote this idea among your PhD students and contact me afterwards

TC budget

IEEE, via the Technical Activities Board (TAB), can financially support the TC activities up to 3000\$ per TC and per year (including meetings at ACC/CDC). A priority may be put on workshops organized during ACC or CDC but this is not the only way to spend this money. If you want to organize any event (like a social event involving TC members, PhD students, Master students,...) during ACC or CDC, it can be a good way to get funds. For more information about the way to proceed, please contact me directly.

Please, do not hesitate to get in touch with me if you have ideas

IEEE sponsorship for conference for free

As you may know, the use of the IEEE and CSS logos costs you 1000€ when you organize conferences. If you organize these events via the TC, you get the IEEE sponsorship for free.

Contact me if you want to benefit from this opportunity

Organization of Workshops

Organizing Workshops or Tutorial sessions the days before ACC or CDC is a very good way to promote your research developments. Organizing such sessions via the TC may be beneficial for you (see the former items). The idea of organizing a workshop before CDC 2020 dedicated to data driven modeling, and adaptive control for medical applications has been discussed during the meeting. We are now looking for TC members who would like to be involved in this project.

If you want to be in the workshop organization team, contact me

Special issues

The idea of writing a proposal for a special issue on system identification and data-driven modeling in neuroscience has been tackled as well. The purpose of the planned special issue is to highlight the role of dynamics in neuroscience, both on the level of a single neuron and neural populations. Identification of dynamical models from data provided by e.g. medical imaging and EEG is an important and actively researched problem. TC SIAC and TC HMS intend to build an initiative group to work on the special issue proposal. All interested TC members are welcome to participate.

Please contact Alexander for more details.

TC SIAC website

In order to increase the impact of our community via the TC SIAC website, we decided last year to create new pages dedicated respectively to

- recommended books and new papers” where TC members can promote
- important books or overview papers recommended to understand the basic ideas of system identification and adaptive control,
- “job opportunities” in order to promote future PhD, Post doc or tenured positions in the groups or universities represented in the TC.

These pages are now available on the TC SIAC website. So far, very few elements have been sent by the TC members. If you want me to make the web-page lively, I need your help.

Feel free to contribute!