

Minutes of
IEEE CSS TC-SIAC meeting
CDC 2019, Nice, France
Nice Downtown Novotel hotel
Friday, December 13th, 2019

Number of attendees: 21

Meeting duration: 1h30

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

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 the slides for more details), the main part of this meeting has been dedicated to discussions concerning the involvement of PhD students in the TCs, TC funds, name of the TC, and new solutions to share teaching material.

TC membership and PhD students involvement

As you know, IEEE-CSS by law states 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 that were present at the meeting think that inviting PhD students during TC meetings and suggesting them to become TC members is a good idea. The TC SIAC can pay for the student IEEE membership if necessary. In order to increase the implication of the PhD students in the TC activities as well as to convince them to become a TC SIAC member, the idea of creating TC-specific awards at some conferences like CDC has been discussed. Such an idea has been suggested during a brainstorming session during the last TAB meeting. In a nutshell, we could reward the Best TC-related paper written and presented by a student at the CDC by awarding him during a TC event in a conference. The discussion during the CDC TC meeting shows that the present TC members are very positive about this idea and suggest implementing this idea in the near future.

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

Name of the TC

As clearly shown (again) during CDC 2019, sessions dedicated to “model learning from data” are a lot more attractive than sessions dedicated to “system identification”. Since the people working on the topic belong to this TC, the idea of changing the TC name to attract young researchers in system identification and adaptive control in the TC has been suggested. Terms like “model learning” or “data driven modeling” have been suggested. This topic will be discussed again during the next TC meeting.

If you have ideas or comments concerning this topic, please contact me

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

- recommendation of books and new papers by TC members
- 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!

Teaching material sharing

Steffi Knorn, André Teixeira and Damiano Varagnolo are currently working on new solutions to share teaching material. They all indeed note that we all generate material for our lecture but, most of the time, we do not share it with the colleagues working on the same topics. Before creating a platform to share our teaching material, Steffi Knorn, André Teixeira and Damiano Varagnolo would like to get an initial viewpoint of each TC member to know what we could share and why we don't share our material easily. You are thus going to be solicited very soon to fill in a very short survey with specific questions dedicated to this topic.

Please help us and contribute to this interesting initiative