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Minutes of
IEEE CSS TC-SIAC meeting
ACC 2016, Boston, USA
Boston Marriott Copley Place, Boston, MA
Thursday, July 7th, 2016
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Number of attendees: 16
Meeting duration: 1h45
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 the TC attractiveness. This brainstorming session has led to several comments and ideas to increase the attractiveness of our TC. More precisely, as far as the comments are concerned, we can list the following main remarks:

- the role of a CSS TC and the TC meetings for the current TC members as well as for CSS members out of our TC-SIAC should be clarified. For some members, the TC meetings are only a place where members are gathered to be informed of the TC members' activities during conferences as well as to suggest invited sessions, workshops or new journal special issues,
- we are not attractive enough for students and manufacturers,
- the TC is a researcher network which is not used enough.

Several ideas and solutions have been suggested to answer these important issues. More specifically,

- In addition to list the main recently completed/on-going activities of the TC members and to inform the TC members of new and/or important CSS events and ideas, some of the TC members present during the TC meeting suggested using the TC meetings as a place where important and/or brand new research topics could be discussed. For instance, 30 minutes of the TC meeting could be dedicated to discuss, *e.g.*, the role of system identification and/or adaptive control for the Internet of Things.
- In order to increase the attractiveness of our TC towards students and manufacturers, we must
  - explain and show why adaptive control and/or system identification are very important in everyday life applications,
  - increase the number of documents, software, … in the SIAC education depository in order to make it essential for students,
  - use, as much as possible, the vocabulary used in the industry in some of our presentations dedicated to a large public audience,
  - use a lot more the TC web-site and the TC network to promote
    - new initiatives (invited sessions, workshops and tutorials, summer schools, software, …),
    - our successes,
    - PhD, post-doctoral and tenured positions in our universities.

Next steps and work to do

In order to reach the goals pointed out previously, we suggest

- organizing invited sessions and/or tutorials-workshops dedicated to successes of system identification and adaptive control in the industry with the constraint that these invited sessions would be attractive for manufacturers and students,

- selecting a specific applicative area (like smart grid, wind energy, IoT, ...) for the next TC meeting and give the opportunity to TC volunteers to introduce these topics and explain how our community can intervene and can suggest new solutions,
- organizing meetings and events with other TCs (like the TC on Computational Aspects of Control System Design) in order to increase the interactivity between researchers sharing ideas and tools,
- increasing the role and impact of the TC web-site by adding
  - links to the personal TC members' web-pages,
  - a page dedicated to available positions,
  - new educational materials.
- creating a LinkedIn® account for the TC so that we have a second way, (more professional?), to get in touch with the industry members,
- take part actively to the IEEE CSS Video Contest, with the constraint to involve students, in order to promote our research activities via a short video showing, that, *e.g.*, without system identification, the use of many everyday life processes do not work at all,
- rekindling the Wikipedia project in order to promote our main research topics with this essential communication media,
- asking the CSS board in charge of the ACC and CDC programs to add in the conference programs the TC meetings (date, hour, room) in the daily program overview so that every CSS members are informed of the TC meetings and are free to take part to these meetings.