

Minutes of  
IEEE CSS TC-SIAC meeting  
ACC 2017, Seattle, USA  
Sheraton Seattle Hotel, Seattle, WA  
Thursday, May 25th, 2017

Number of attendees: 15

Meeting duration: 1h

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 SIAC website as well as the Wikipedia project.

**Wikipedia project**

For several years now, many efforts have been made by the Control System Society to improve the Wikipedia pages dedicated to control science and technology. The task of taking care/improving the Wikipedia pages has been more specifically assigned to the TCs. Our TC was thus invited to take care of the most important pages related to system identification and adaptive control. Girish Chowdhary and Tansel Yucelen are the leaders of the TC-SIAC working group dedicated to this Wikipedia project. Notice also that this project is conducted in collaboration with the IFAC cluster CC1 Signals and Systems (chaired by Håkan Hjalmeresson, TC-SIAC member), and more specifically with the TC on Modelling, Identification and Signal Processing (chaired by Marco Campi).

During the last CDC meeting in Vegas, thanks to Girish Chowdhary and Tansel Yucelen, a situation assessment was established via a quasi complete listing of the pages dedicated to data-driven modeling, system identification and/or adaptive control. The situation being alarming, it has been unanimously decided to change the situation by the end of 2017. More specifically it has been suggested

- asking the TC members if they want to be contributors,
- creating a tutorial, even a page template, to help and guide the contributors write the Wikipedia pages,
- starting writing the Wikipedia pages by focusing first on a short paragraph summarizing the main ideas of the topic considered in the chosen Wikipedia page.

Girish Chowdhary and Tansel Yucelen have recently written a tutorial to guide the contributors write the Wikipedia pages. This tutorial is now available to any contributors. Girish Chowdhary and Tansel Yucelen will also be in charge of generating the links between the new Wikipedia pages and the existing pages. On top of that, a general page written by Lennart Ljung and dedicated to system identification is under construction.

Several members have expressed their wish to start writing the pages dedicated to these specific SIAC topics. Unfortunately, different emails sent by TC members since CDC 2016 as well as discussions during the ACC 2017 meeting show that creating a new Wikipedia page from scratch is not that easy for a beginner. In order to help the TC members in this task, it is suggested first improving existing pages. In order to do that, the user must only edit the existing web-page, then start modifying the contents, even the layout (see <https://en.wikipedia.org/wiki/Help:Editing> for details). It is also possible to start a new web-page from scratch. For this specific task, using the Wikipedia wizard ([https://en.wikipedia.org/wiki/Wikipedia:Article\\_wizard](https://en.wikipedia.org/wiki/Wikipedia:Article_wizard)) is probably the easiest way to start.

## **TC SIAC website**

In order to increase the impact of our community via the TC SIAC website, it has been decided to create first a new page entitled "papers and books" where TC members can promote

- important books or overview papers recommended to understand the basic ideas of system identification and adaptive control,
- their own recent contributions thanks to links to available new journal papers.

This list of important links and documents may be completed by a list of important definitions useful to understand what system identification and adaptive control consist in order to make our website more attractive for students, even for industry members. In order to make this thesaurus attractive, we also suggest adding important references (associated with url links) for each definition in order to help the reader go further.

Second, a new web-page dedicated to job opportunities is going to be created in order to promote future PhD, Post doc or tenured positions in the groups or universities represented in the TC.