

Minutes of IEEE CSS TC-SIAC meeting
ACC 2021, New Orleans, LA, USA
Virtual MS Teams meeting
Thursday, May 27, 2021

Number of attendees: 15
Starting time: 12:30 p.m. (US Eastern Time),
Ending time: 1.30 p.m. (US Eastern Time)

This document complements the official slides (available on the official TC website, see <http://system-identification.ieeecss.org/tc-system-identification/reports>) with comments, notes and questions made during the meeting.

STATUS

The TC members are warmly invited to encourage their students to become members of the TC and actively participate to the meetings. The objective is to involve young researchers in all the discussions regarding the future of system identification and adaptive control, as well as to make them aware of the main mechanisms behind the organization of events and the dissemination of scientific results, in order to serve the community at their best.

ACTIVITIES

The main activities and events of this and next year are recalled, with a brief introduction to next IFAC SYSID by Alessandro Chiuso. The TC contribution to SYSID (aimed to support the travel expenses of one joint IFAC/CSS plenary speaker) is no longer needed, as the workshop will be held in a virtual mode. An apparently weak presence of system identification and adaptive control has been noticed at ACC 2021. In reality, as it happened at CDC 2020, the spot typically occupied by the TC core topics is still there, but filled by “learning-oriented” sessions. Starting from the title of Anuradha Annaswamy’s plenary at ACC 2021, the TC members are also invited to discuss about the role of adaptive control within the “real-time machine learning” world.

OPPORTUNITIES

About the TC awards, as for now TC SIAC counts only 3 student members, there will be only 3 prizes for the first trial run: (1) Hybrid Systems + Discrete-Event Systems, (2) Health and Medical Systems + Systems and Synthetic Biology, (3) Distributed Parameter Systems. Next year, it will be the TC SIAC turn, jointly with the TC on Intelligent Control (IC).

A FINAL NOTE

The meeting ended with some thoughts about how COVID-times opportunities have been exploited during the latest months. Damiano Varagnolo introduces his initiative of collaborative teaching (please refer directly to him for more details). Finally, some proposals for post-COVID TC SIAC activities are made, among which the possibility of having one additional virtual meeting between ACC and CDC in order to involve also the members that cannot attend the live events. For sure, all future lunches will be real.

For any comments or remarks, please contact simone.formentin@polimi.it.