IEEE CSS Technical Committee Hybrid Systems

Meeting at the 2019 IEEE Conference on Decision and Control

Ricardo Sanfelice

Department of Electrical and Computer Engineering Hybrid Systems Laboratory University of California, Santa Cruz





Ricardo Sanfelice - University of California, Santa Cruz

Agenda

- 1. Introduction
- 2. Membership information
- 3. TC Webpage and Google Group
- 4. TC Projects/Activities
 - Update on upcoming CSM column
 - Update on Special Issue in Birkhauser Maria Prandini
 - Update on Hybrid Systems Student/Postdoc Social Raphael Jungers
 - Other TC activities
 - Update from TAB meeting

5. Announcements

- Incoming TC Chair starting January 2020
- 6. Discussion on Open Problems on Hybrid Systems and Control

TC Info and Activities

The Technical Committee on Hybrid Systems is dedicated to providing informational forums, meetings for technical discussion, and information over the web to researchers in the IEEE CSS who are interested in the field of hybrid systems and its applications.

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 - 76 from academia
 - 3 from industry

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 - 76 from academia
 - 3 from industry
- This is our second TC meeting this year

Link

http://hybrid-systems.ieeecss.org

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Updated regularly with new members and reports

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Links to TC Google Group

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- Links to TC Google Group
- Newsletter tab

TC Google Group

TC Google group

HybridSystems TC@googlegroups.com

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Members encouraged to email announcements

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- Members encouraged to email announcements
- Quarterly newsletter

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 - Organization of workshops, symposiums, and conferences
 - Special issues in journals
 - Service to the field, such as Editor/AE of journals, active role in professional societies, etc.
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Log relevant activity via our TC form at

https://docs.google.com/forms/d/1HD3qCaQa5ME8lTwYTObtM4vzIPED6jd2GHX0LG8fFwY/edit

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- This is not an event for faculty/advisors, but please encourage them to attend.

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- Proposal: Manuscript about Open Problems on Hybrid Systems and Control

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- CEB nominations (due January 21)
- New TC proposal on Security and Privacy
- Growing TC membership:
 - Waive CSS membership cost to students?
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Other things from TAB meeting at the ACC19:

- Funding for TC activities (3K/year per TC)
- Dissemination: position paper/issue in CSM?
- Questions raised at the meeting:
 - How to make TCs useful for the broad professional community?
 - How to make TCs useful for the CSS membership?
 - How to reward volunteer work within the TCs?

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- Majid Zamani (University of Colorado, Boulder) has been selected as next TC Chair, starting January 1, 2020.

Other items?

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Thank you for your support and participation!