

# IEEE CSS Technical Committee Hybrid Systems

Meeting at the 2018 American Control Conference

## Ricardo Sanfelice

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



# Agenda

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## 1. Introduction

## 2. Membership information

## 3. TC Webpage

## 4. TC Activities

- ▶ Update on TC Newsletter
- ▶ Focused research meeting at “research station” and pre-conference workshop proposal  
with M. Prandini, R. Jungers, and M. Zamani
- ▶ Update on hybrid systems entry at Wikipedia.org  
update for Alessandro Abate
- ▶ Update on upcoming TC report
- ▶ Update from TAB meeting

## 5. Announcement

- ▶ CFP HSCC 2019 by Necmiye Ozay
- ▶ NAHS by Alessandro Giua

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- ▶ The TC is part of the organization of the invited sessions
- ▶ This is our first TC meeting this year

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<http://hybrid-systems.ieeecss.org>



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Published in CSM April 2017 Issue



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  - ▶ Organization of invited sessions at conferences
  - ▶ 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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  - ▶ Outreach activities
- ▶ **We need to prepare a new article for CSM**

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**At the 2016 CDC TC meeting we decided to work towards  
a proposal for a Dagstuhl seminar**



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**On March this year we submitted a pre-conference workshop proposal to the CDC18 on this topic**

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by completing the description of a hybrid system, modeling, tools, etc.

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- ▶ **NEW:** Joint TC effort to update the entry  
(lead by Alessandro Abate)

1. Overview
2. Modeling Frameworks
3. Analysis Tools
4. Simulation tools
5. Further reading
6. References



# Summary from Technical Activities Board Mtg

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- ▶ CSS Liaisons to IEEE entities (Smart Grid, SIAM, IoT Working Grp, etc.)
- ▶ Next TC Report due November 20
- ▶ Update Members roster
- ▶ CSM Column deadline upcoming
- ▶ CEB nominations: 1 per TC By August 7
- ▶ Review of TCs activities using slides provided by each TC
- ▶ Add Emerging Topics to slide, column, and website
- ▶ Position paper in the Control Systems magazine about Emerging Topic
- ▶ Call for participation at the 2018 CPSHS Workshop

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**Thank you for your support and participation!**