TC on VSS & SMC
2016-1 Meeting
1. New EC members
2. TC Goals and Structure
3. VSS18 organization
4. Organization of the schools
5. Books publication
6. Special Issues
7. Special Sessions organization
8. TC promotion
9. Professional Ethics
NEW EC MEMBERS
CONGRATUITIONS!

• Professors Johann Reger (Universty of Ilmenau, Germany, https://www.tu-ilmenau.de/regelungstechnik/mitarbeiter/johann-reger/)
• Professor Elio Usai (Universty of Cagliari, http://people.unica.it/eliiousai/curriculum/),
• Professor Tiago Oliveira Roux http://www.eng.uerj.br/prof/tiagoroux (State University of Rio de Janeiro Brazil).
The goals of the TC

• Coordination of the work of the groups
• Organization of Workshop
• Organization of School for young researchers
• Publication of books and Special Issues
• Organization of Special Sessions/Workshops in CDC, ACC, IFAC.. 
• Support for VSS&SMC Wikipedia(new!)
Community Member (they do not need to be IEEE CSS members)

Rights

- Receive all of the information about the community
- Send the proposals, suggestions, information about new publications

To be community member it is necessary to register in the mail list of VSS community [ieee-vssmc@listserv.tau.ac.il](mailto:ieee-vssmc@listserv.tau.ac.il)
Members (they need to be IEEE CSS members)

Rights
Level 1 + send to TC chair a request to a elaborate membership letter
Level 3. Executive Committee

Rights

- Level 1

+ Receive EC information
- Send proposals for EC members
- Votes for decisions
Level 3. Executive Committee members
1. One representative for one country
   The uniformity of countries
2. Distinguished scientists
   - Editors of IEEE CSS and IFAC journals
   - 10 years experience in the field
   - 10 papers IEEE CSS journals
   - PhD graduated in the field
Executive Committee members

Suggestion 1
In order to keep the representation of TC in some countries, the EC members should confirm their willing and ability to participate in EC correspondence and EC meetings every year.

Suggestion 2
Emeritus members
Retired member of EC which are not participating frequently in the meetings but will receive the information of EC and participate in EC e-mail discussions.
VSS18 organization

EC supported VSS18 organization in Graz, Austria, July, 7th -9th, 2018

CONGRATULATIONS!
Summerschools

Proposal supported by IEEE(9000 USD)
Spring School, October, 25\textsuperscript{st}- 31\textsuperscript{st}, 2016, IITB, Mumbai, India

Summerschool announced

Early September 2017, Retzhof, Steier, Austria
Leonid Fridman, Jean Pierre Barbot, Franck Plestan
Recent Trends in Sliding Mode Control, IET, 2016
print ISBN : 978-1-78561-076-9
ebook PDF IBSN : 978-1-78561-077-6

The contract with Springer BM for volumen in Studies in Systems, Decision and Control Serie
Special Issues published


Special Issue announced

“Sliding Mode Control and Observation for Complex Industrial Systems" on IEEE Transactions on Industrial Electronics, organized by Prof. Ligang Wu, Prof. Sudip K. Mazumder, and Prof. Okyay Kaynak
Pre CDC16 Workshop

Continuous Higher-Order Sliding Modes Controllers.
Organizers: L. Fridman, J. Moreno
NOTE published

L. Fridman. Technical Committee on Variable Structure and Sliding-Mode Control. IEEE control systems 36(3):18-20 · May 2016, DOI: 10.1109/MCS.2016.2535917

106 reads on Researchgate.net during the first week!
Rules for chapters preparation

– Do not put the chapters connected with one paper only.
– Avoid copy-paste
– Do not repeat the graphs
– Avoid the sentences like “chattering free sliding mode”
– Present novelty letter referring the difference between the chapters and the papers summarized and certifying there is no plagiarism
Simulations

1. Put correct simulations only

2. Make precision tests

3. Avoid the sentences like “chattering free sliding mode”