REPORT OF VSS/SMC TC for 2015-2

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Since the last report submitted in May 2015, the Variable Structure and Sliding Mode Control community has been involved with the following activities:

1)      A Summer School was organized by the TC on VSS/SMC and the Southeast University from 24th-29th August 2015, in Nanjing, China. During this summer school the TC member Professors Fridman, Edwards, Levant, Shtessel and Yu gave lectures. The program, as well as the details of the summer school, can be found on the website <http://www.vss2016.com/school/index.asp?id=28>

2)      Fourteen papers are in the second stage of revision for the special issue of the International Journal of Control, on Finite-Time Adaptive Control and Observation. The editors are TC Members L. Fridman, Y. Shtessel, and  F. Plestan,

3)      Invited Session ThC06 «Continuous Higher-Order Sliding Modes Controllers » is organised by L. Fridman and J. Moreno for the 54th IEEE Conference on Decision and Control on December, 17th, 2015.

4)      The book “Recent Trends in Sliding Mode Control” is under preparation to be published by the IEE. Twenty-one chapters have already been received and contracts are signed. The book will be sent to the publisher at the end of 2015. The editors are TC Members L. Fridman, J.P.Barbot, and  F. Plestan.

5)      The Technical Sponsorship by the IEEE CSS was approved for the 14th IEEE VSS16 workshop June 1st-4th 2016 Nanjing, China.

6)      The submission site for the 14th IEEE VSS16 workshop June 1st-4th 2016 Nanjing is open <http://www.vss2016.com/>.

7)      A proposal for IEEE CSS support of the Spring School organized in March, 21st- 25th, 2016 in IIT, Mumbai, India has been submitted for approval by CSS TAB.