

Call for Papers

9th International Workshop on Variable Structure Systems

VSS '06

Alghero, Sardinia, Italy — June 5–7, 2006

Scope and Topics

The Workshop series on Variable Structure Systems (VSS) is focused on the theory and practice of VSS. VSS'06 will take place in Alghero, Italy, and is the 9th Workshop of this series, following the past VSS'04 held in Vilanova i La Geltru, Spain.

The aim of VSS'06 is to bring together researchers and practitioners interested in discontinuous control, within the general framework of automatic control theory, and to provide an assessment of recent advances and of the most promising trends for future research. Integration with other control areas is welcome, and the workshop will be partially overlapped with the 2nd Conference on Analysis and Design of Hybrid Systems (ADHS'06) – (June 7-9).

Contributions are invited in all areas pertaining to the theory and application of variable-structure systems and discontinuous control including analysis, control, observation and simulation for linear, nonlinear and distributed parameter systems, and integration with other control areas.

Contributions on applications in various fields, such as robotics, process industry, transportation systems, aerospace, fault diagnosis, electrical drives, power systems, etc, are encouraged.



Venue

Alghero is a pleasant quaint little town bustling with tourist activity in the summer months.

The historic old centre, filled with bars and shops, is typical of what you would expect to find in mainland Italy, while the nearby harbour retains much of its original character, flanked as it is by the old walls of the town, originally built to defend Alghero from Moorish invaders in the thirteenth century.

June offers nice weather conditions to discover the city and the gulf of Capo Caccia: the temperature is mild enough for swimming and ideal for sightseeing.

Important dates

Submission of draft papers: **January 8, 2006**
Notification of acceptance: **March 6, 2006**
Final manuscripts and registration: **April 8, 2006**

Contacts and Information

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IFAC TC 2.1 on Control Design