

Location

The Symposium will be held in the city of Foz do Iguacu, in Paraná state, Brazil. Foz do Iguacu is located besides the famous "Iguacu Falls", one of the largest waterfalls in the world, located over the Iguacu River at the border of Brazil, Paraguay and Argentina. In the middle of a tropical forest park, the Iguacu falls were declared a Natural Heritage of Mankind by Unesco in 1986.



Near to the city of Foz do Iguacu is also located Itaipu, the world largest hydroelectric power plant in operation, which can be visited.

Foz do Iguacu has a complete infrastructure to receive visitors, having the second number of hotel beds in Brazil. The city can be reached in about two hours by direct flights from São Paulo, Rio de Janeiro and Brasília.



Call for Papers

Contributed papers

Full papers, in IFAC 6-pages conference format, should be submitted by January 31, 2007.

The Program Committee also solicits proposals for invited sessions within the technical scope of the conference. These proposals should contain from five (5) to six (6) full papers and should be submitted by January 31, 2007.

Papers and invited sessions proposals submissions will be handle eletronicly. Please refer to the conference web site for further information about submission.

Important dates

January 31, 2007	Submission of papers and proposal of invited sessions
April 17, 2007	Notification of acceptance
June 17, 2007	Receipt of paper in camera-ready form
October 17-19, 2007	Symposium

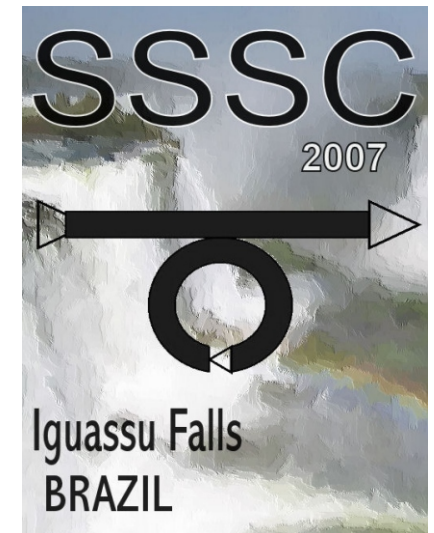
Contact

The secretariat of the workshop may be contacted at the address:

Secretaria IFAC SSSC07
Departamento de Engenharia Elétrica
Universidade Federal do Rio Grande do Sul - UFRGS
Av. Osvaldo Aranha, 103
90035-190 - Porto Alegre - RS
Brazil
E-mail: sssc07@ece.ufrgs.br
Phone: +55 (51) 3316-3561
Fax: +55 (51) 3316-3293



International Federation of Automatic Control



3rd IFAC SYMPOSIUM on SYSTEM, STRUCTURE and CONTROL

**October 17 - 19, 2007
Foz do Iguacu, Brazil**

Background

The origins of the IFAC Symposium on Systems, Structure and Control goes back to the IFAC workshops first held in Prague, Czech Republic in 1989 and 1992 and subsequently in Nantes, France in 1995 and 1998 as conferences. The meeting returned to Prague in 2001, as an IFAC symposium, and its 2nd edition was held in Oaxaca, Mexico, in 2004. For the first time, the present meeting will be held in Brazil.

Meeting Scope

The aim of the Symposium is to bring together experts working in systems and control to discuss new trends, exchange new ideas, establish fruitful contacts, and promote interactions among the various fields of interest. The main theme of the Symposium is to study the mathematical structure of systems and the limits it imposes on control systems design and performance. The previous meetings helped to formulate what is now called the structural approach to control theory. This approach bridges algebraic and geometric methods, gives additional insight, and provides new design procedures.

The topics of the conference include:

- linear and nonlinear systems
- structural invariants
- algebraic and geometric methods
- infinite dimensional systems
- time delay systems
- implicit and hybrid structures
- control strategies
- robust control
- constrained control
- computational algorithms for analysis and design

The Symposium will consist of contributed sessions, invited sessions, plenary lectures, and panel discussions. Young researchers are especially encouraged to attend.

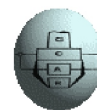
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Control, Automation
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Symposium WEB Site

<http://sssc07.ece.ufrgs.br>

All update information can be downloaded from the above mentioned web site.

Publication and Copyright

The material submitted for presentation at an IFAC meeting (congress, symposium, conference, workshop) must be original, not published or being considered elsewhere. All papers accepted for presentation will appear in the preprints of the meeting and will be distributed to the participants. Papers duly presented will be archived and offered for sale, in the form of Proceedings, by Elsevier Science Ltd, Oxford, UK. The presented papers will be further screened for possible publication in the IFAC Journals (Automatica, Control Engineering Practice, Annual Reviews in Control, Journal of Process Control and Engineering Applications of Artificial Intelligence), or in IFAC affiliated journals. All papers presented will be recorded on the IFAC Publications website:

<http://www.elsevier.com/locate/ifac>

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