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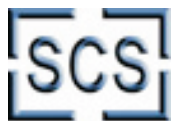Jorge Ferreira
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2007 Summer Computer Simulation Conference (SCSC)
Special Track on:

Computational Modeling and Simulation of Embedded Systems

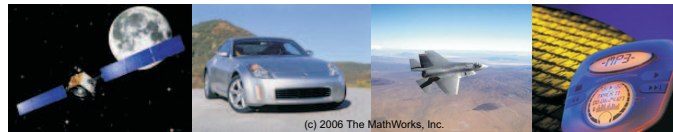http://www.scs.org/summersim/scsc

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San Diego Marriot Mission Valley
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SCSC'07 is focused on basic and applied research in modeling and simulation. The purpose of the conference is to provide a forum for researchers and governmental and industrial investigators to exchange ideas and discuss developments in this growing field. In addition to peer reviewed paper sessions. The best contributed paper will be given an award. A selected group of full papers will be published in the special issue of Simulation Journal.

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Topics of interest include but are not limited to:

- Computer automated multiparadigm modeling
- Embedded software modeling and simulation
- Model transformation
- Hardware/software codesign
    - Automatic code generation
- Verification and Validation
- Cosimulation
- Integrating heterogenous solver technology
- Mixed signal simulation
- Real-time simulation
    - Hardware-in-the-loop
    - Rapid prototyping
    - Processor-in-the-loop
- Networked embedded control system design
- Multiprocessor system on chip design
- Heterogeneous systems
    - Micro electro-mechanical systems
    - Opto-electric systems

Submission Procedures:
The conference committee will accept three types of papers submitted as a **PDF file** to the conference website (**http://www.softconf.com/scs/SCSC07/**) as listed below. Final version of all the papers MUST COMPLY with the SCS conference format. All the submitted papers will be peer reviewed with respect to their quality, originality and relevance. The authors of the accepted paper MUST register in advance for inclusion of their paper in the conference proceedings.

1. **Full manuscript:** 8 pages in final conference format. In addition to publication in the conference proceedings, they will be considered for best paper award and for possible inclusion in a Special Issue of the Simulation Journal (SCS). Full papers will be published both in hard copy and CD-ROM.
2. **Work in Progress:** Short papers up to 6 pages in final conference format.
3. **Short Papers**: Papers with industrial focus, military or government applications, and work-in-progress in abstract or short paper format (up to 6 pages).

All papers will be included in the conference proceedings and archived in digital libraries; Full Papers will be also printed in hard copy.

Important Dates:
Submission of full papers PDF form: February 28th, 2007
Notification of acceptance: April 15th, 2007
Final manuscript and Early Registration: May 15th, 2007

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