The Tenth International Conference on Hybrid Systems: Computation and Control (HSCC'07) will be held in Pisa, Italy, from April 3-5, 2007. The annual conference on hybrid systems attracts researchers from academia and industry interested in modeling, analysis, control, optimization, and implementation of dynamic and reactive systems involving both discrete and continuous behaviors. The previous conferences in the series of HSCC were held in Berkeley, USA (1998), Nijmegen, The Netherlands (1999), Pittsburgh, USA (2000), Rome, Italy (2001), Palo Alto, USA (2002), Prague, Czech Republic (2003), Philadelphia, USA (2004), Zurich, Switzerland (2005) and Santa Barbara, USA (2006).

Topics
Submissions are invited in all areas pertaining to the design, analysis, control, optimization, implementation, and applications of hybrid dynamical systems. Topics of interest include, but are not limited to:
· Modeling and representations
· Computability and complexity issues
· Control and optimization
· Real-time computing and embedded control
· Tools for analysis and verification
· Tools for synthesis and design
· Programming languages support and implementation
· Control over and of communication networks
· Hybrid models in biology and other sciences
· Engineering applications such as automotive control, avionics, energy systems, transportation networks, manufacturing, and robotics

Submissions
The conference proceedings will be published in the Springer Lecture Notes in Computer Science series. Submitted papers must present original, unpublished research that has not been submitted elsewhere. Instructions for submitting the papers electronically are available on the conference webpage.

Poster Session
The poster session is aimed at advertising new or ongoing work, as well as getting feedback from the HSCC community. Posters are submitted in electronic format, according to a template provided by the organizers.

Important Dates
Submission deadline for regular papers October 9, 2006
Author notification November 24, 2006
Final papers due December 19, 2006
Submission deadline for posters February 5, 2007
Conference April 3-5, 2007

Workshop Chairs

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Call for Papers

HSCC07
Hybrid Systems / Computation and Control

10th International Conference on

Hybrid Systems: Computation and Control

April 3-5, 2007

Pisa, Italy

http://hscc07.dii.unisi.it/