



CALL for PAPERS

ASME Journal of Dynamic Systems, Measurement and Control

Special Issue on Physical System Modeling

The Modeling and Identification Panel is requesting manuscripts for a special issue on Physical System Modeling in the Journal of Dynamic Systems, Measurement and Control. The objective is to bring together current work in physical system modeling. Physical system modeling is defined broadly and may include the areas of: automated modeling, model reduction and deduction, model validation, model evaluation metrics, model interfacing, co-simulation (over networks) and modeling environments, as it applies to the areas of system design and control. A general array of theoretical topics and applications of these areas are sought. Contributed papers might include methods for computing relevant model performance metrics, integrating these metrics with design and control specifications to generate models of sufficient complexity adequate to meet the specifications. Application areas might include but are not limited to: transportation; manufacturing; energy storage, transmission and production; robotics; biosystems; sustainability engineering; as well as nano and mechatronic systems.

Papers must be of highest quality and original contributions and be prepared in accordance with the publication guidelines of the *ASME Journal of Dynamic Systems, Measurement and Control*. Manuscripts submitted for publication in this special issue must not have been previously published in any archival publication and must not be currently under consideration for publication in other journals.

The special issue will be targeted for publication towards the end of 2009 and based on the number of potential contributors we expect there to be about 15 regular papers and 4 technical briefs.

Important Dates:

Full Paper submission on the ASME website:	September 29, 2008. (New Deadline)
Completion of First Review:	January 15, 2009.
Submission of Revised Papers	March 1, 2009
Completion of Final review:	April 15, 2009.
Final Manuscripts Due:	May 15, 2009.
Publication of the Papers:	August 15, 2009.

Manuscript Submission: To identify a paper to be considered for the special issue please precede the title with the acronym “PSM: [Title]”. All papers must be submitted online through <http://journaltool.asme.org>

Special Issue Editors: For further information please contact any of the following editors.

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