CALL FOR PAPERS

Symposium on
Global Nonlinear Dynamics and Stability of Lumped and Continuous Systems

7th ASME International Conference on
Multibody Systems, Nonlinear Dynamics and Control
to be held in conjunction with the
ASME 2009 International Design Engineering Technical Conferences
at the
San Diego Convention Center, San Diego, California
August 30 – September 2, 2009

The aim of this symposium is to gather specialists of different areas working on the analysis of global dynamics of lumped and continuous systems. Global bifurcations has an undeniable influence on the behavior of several systems in applied sciences and engineering. They are particularly important in problems involving dynamic instability phenomena. Topics of interest include, but are not limited to, global bifurcations, evolution, erosion and stratification of basins of attraction, influence of global bifurcations on the integrity of structural systems, basin boundary topology, multi-well systems, dynamic instability, random bifurcations and basins of attraction, reduced-order modeling and its application in global dynamics, numerical methods for the analysis of global bifurcations, influence of global dynamics on control, including control of chaos, and modern asymptotic methods in global dynamics. Papers are solicited in all areas related to theoretical, computational and experimental aspects of the problem.

Papers must be submitted electronically in a pdf format as described in the IDETC 2009 web site at http://www.asmeconferences.org/IDETC09/ before February 6, 2009. All manuscripts will be reviewed and, if accepted, the associated technical paper will be published in the conference proceedings on CD-ROM. For more information about the conference, please contact:

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For more information about the 2009 ICMSNDC see the web sites: