



2009 ASME - International Design Engineering Technical Conferences

CALL FOR PAPERS

Symposium on:

Dynamics in Rotating Machinery

at the

Seventh International Conference on Multibody Systems, Nonlinear Dynamics and Control

To be held in conjunction with the ASME 2009 International Design Eng. Tech. Conferences

At the

San Diego Convention Center, San Diego, California

August 30 – September 2, 2009

<https://www.asmeconferences.org/idetc09/>

High technology rotating machines represent strategic stakes in our societies and they play a predominant role in the progression of Transport, Energy and Equipment. Research into their dynamic behavior helps manufacturers to meet numerous challenges such as reducing costs and nuisances and increasing and optimizing performances. This all leads to better efficiency, comfort, miniaturization, reliability, safety and sustainable development.

Papers are solicited in all new aspects of dynamics in rotating machinery. The approaches could be analytical, numerical and experimental. Applications are concerned with laboratory and field investigations and industrial products. The topics of interest are (but not restricted): modal testing and identification, dynamic stability, non linear phenomena, parametric excitations, signal processing, interactions (rotor-stator, torsion-bending, fluid-structure, electromechanical), active and passive control techniques, micro-machines, composite rotor, disk assembly, and case studies.

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 CDROM. For more information about the symposium, please contact:

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