



THIRTEENTH CONFERENCE
on
NONLINEAR VIBRATIONS, DYNAMICS, AND
MULTIBODY SYSTEMS

May 23-27, 2010

The Inn at Virginia Tech and Skelton Conference Center
Virginia Polytechnic Institute and State University
Blacksburg, VA 24061

GENERAL INFORMATION:

The thirteenth conference in this series will be held at The Inn at Virginia Tech and Skelton Conference Center on the Virginia Tech campus on May 23-27, 2010. The scope of the conference includes:

- Multibody dynamics: rigid and flexible multibody systems, impact and contact mechanics, solution of DAE, vehicle and tire modeling, railroad vehicle dynamics, biomechanics application, computer algorithms,
- MEMS,
- Dynamics of composite structures,
- Adaptive structures,
- Fluid/structure interactions,
- Nonsmooth dynamics,
- Multi-scale dynamics,
- Parametric vibrations: single- and multi-frequency excitations of single- and multi-degree-of-freedom systems,
- Computational techniques: efficient algorithms, use of symbolic manipulators, integration of symbolic manipulation and numerical methods, use of parallel processors,
- Experimental methods: benchmark experiments, measurements in hostile environments, instrumentation techniques,
- Influence of nonlinearities on control systems, and
- Identification of nonlinear systems.

Authors will have the option of submitting full-length papers to be considered for publication in NONLINEAR DYNAMICS or THE JOURNAL OF VIBRATION AND CONTROL. To accelerate the reviewing process, we will select referees from those who will attend the conference and mail the manuscripts to them before the meeting.

Steering Committee: Kurt Anderson, Bala Balachandran, Tom Burton, Ali Nayfeh, Friedrich Pfeiffer, Giuseppe Rega, Subhash Sinha, Fabrizio Vestroni, Hiroshi Yabuno

DEADLINES:

The deadline for two-page abstracts is February 1, 2010.

The deadline for full-length papers (optional, see above) is April 1, 2010.

The deadline for early registration is (TBA)

The deadline for conference registration is (TBA)

The deadline for hotel reservations under the room block is (TBA)

The deadline for cancellations is 5PM (TBA) (see conf. reg. website below for cancellation/refund policy)

For updates and more information, please refer to our website at: <http://www.esm.vt.edu/~anayfeh/>

Conference registration **TBA**

A block of lodging rooms is being held at The Inn. The lodging rate for this conference is US\$(TBA) plus applicable taxes. Participants are responsible for making their own lodging arrangements. Lodging reservations should be made by TBA. Lodging: www.TheInnAtVirginiaTech.com

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