



**TWELFTH CONFERENCE**  
on  
**NONLINEAR VIBRATIONS, DYNAMICS, AND MULTIBODY SYSTEMS**  
June 1-5, 2008  
The Inn at Virginia Tech and Skelton Conference Center  
Virginia Polytechnic Institute and State University  
Blacksburg, VA 24061

**GENERAL INFORMATION:**

The twelfth conference in this series will be held at The Inn at Virginia Tech and Skelton Conference Center on the Virginia Tech campus on June 1-5, 2008. The scope of the conference includes:

- Multibody dynamics: rigid and flexible multibody system dynamics, 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, and use of parallel processors,
- Experimental methods: benchmark experiments, measurements in hostile environments, and 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

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**DEADLINES:**

The deadline for two-page abstracts is February 15, 2008.

The deadline for full-length papers (optional, see above) is April 15, 2008.

The deadline for conference registration is May 16, 2008.

The deadline for cancellations is 5PM May 23, 2008. (see conf. reg. website below for cancellation/refund policy)

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

*Conference registration <https://www.cpe.vt.edu/nonlinvib/>*

*A block of lodging rooms is being held at The Inn. The lodging rate for this conference is US\$103 plus applicable taxes. Participants are responsible for making their own lodging arrangements. Lodging reservations should be made by April 30, 2008. Lodging: [www.TheInnAtVirginiaTech.com](http://www.TheInnAtVirginiaTech.com)*

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