

Call for Papers



**Symposium on
Fractional Derivates and Their Applications**
as part of the 7th ASME/IEEE International Conference on
Mechatronic and Embedded Systems and Applications
August 29-31, 2011 Washington, DC, USA
<http://iel.ucdavis.edu/mesa/MESA11/>

Objectives: The Symposium seeks papers solicited in the area of fractional derivatives and their applications. The subjects of the papers may include, but are not limited to:

- mathematical modeling of fractional dynamic systems
- analytical and numerical techniques to solve these equations
- fractional models of viscoelastic damping
- large scale finite element models of fractional systems and associated numerical schemes
- fractional controller design and system identification
- stability analysis of fractional systems
- nonlinear and stochastic fractional dynamic systems
- fractional models and their experimental verifications, and applications of fractional models to engineering systems in general and mechatronic embedded systems in particular

Paper Submission: Manuscripts shall be no longer than 10 pages and shall adhere to the [ASME author guidelines](#). Word and L^AT_EX templates are available from [ASME](#) to assist authors in preparing their papers for publication. Final papers in PDF format must be electronically submitted to: <https://www.asmeconferences.org/IDETC2011>

Accepted, peer-reviewed manuscripts will be published in the conference proceedings and EI indexed.

Contact Information:

Dumitru Baleanu, Ph.D., Dept. of Math. and Computer Science, Cankaya University, Ankara 06500, Turkey. E: dumitru@cankaya.edu.tr

YangQuan Chen, Ph.D., CSOIS, Department of Electrical & Computer Engr. Utah State University; Logan, UT 84322-4160, USA E: yqchen@ieee.org

Changpin Li, Ph.D., Dept. of Mathematics, Shanghai University, Shanghai, China. Email: lcp@shu.edu.cn

J.A. Tenreiro Machado, Ph.D., ISEP-Institute of Engineering of Porto, Dept. of Electrical Engineering, Rua Dr. Antonio Bernardino de Almeida, 431, 4200-072 Porto, Portugal. Email: jtm@isep.ipp.pt

Jocelyn Sabatier, Ph.D., IMS/LAPS: Automatique, Productique, Signal et Image, Universite Bordeaux1-ENSEIRB UMR 5218 CNRS Email: Jocelyn.sabatier@laps.ims-bordeaux.fr

Blas M. Vinagre, Ph.D., Electrical Electronics & Automation Department, University of Extremadura, Badajoz, SPAIN. Email: bvinagre@unex.es

Important Dates:

Submission of Abstract	11-02-2011
Submission of Full-Length Paper	18-02-2011
Author Notification of Acceptance	20-05-2011
Submission of Copyright Form	27-05-2011
Submission of Final Paper	30-05-2011

Technical Co-Sponsors:

ASME Division of Design Engineering
IEEE Intelligent Transportation Systems Society
IEEE Control Systems Society

