

# Fractional Calculus & Applied Analysis

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## SYMPOSIUM's ANNOUNCE: 5<sup>th</sup> FDTA The Fifth Symposium on Fractional Derivatives and Their Applications (FDTA'11) August 29 – 31, 2011, Washington D.C., USA

The announce can be seen from  
<https://www.asmeconferences.org/IDETC2011/>  
 (click MESA2011, then click MESA1 FDTA)  
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**Description:** FDTA (Symposium on Fractional Derivatives and Their Applications) was started by Prof. Om Agrawal and other FDTA colleagues in 2003 IDETC under the ASME DED VIB TC (Technical Committee), which meets on odd years under a DED TC. In 2007 and 2009, FDTA was under DED TC MSNDC. Starting from 2011, FDTA will be under DED MESA TC for better development of and better service to the FDTA community. Papers are 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 model of viscoelastic damping, • large scale finite element models of fractional systems and associated numerical scheme, • 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. Papers with the e-mail addresses of the authors must be submitted online abstract(s) at <https://www.asmeconferences.org/IDETC2011/> by February 11, 2011. After the abstract submission, you MUST also submit a full length paper for peer review by Feb. 18, 2011. All manuscripts after a successful review procedure will be published in the conference proceedings.

**For further information, please contact FDTA11 symposium organizers:**

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## CALL FOR PAPERS

# **The *Fifth* Symposium on **F**rational **D**erivatives and **T**heir **A**pplications (**FDTA'11**)**

*as a part of the*

*The Seventh ASME/IEEE International Conference on Mechatronics and  
Embedded Systems and Applications (ASME/IEEE MESA2011)*

*August 29-31, 2011, Washington D.C., USA*

<http://iel.ucdavis.edu/mesa/conferences.php> and <https://www.asmeconferences.org/IDETC2011/>

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