

第五届分数阶导数及其应用国际学术会议

(南京 河海大学 2012年05月14—17日)

<http://em.hhu.edu.cn/fda12/>

The 5th IFAC Symposium on Fractional Differentiation and Its Applications - FDA'12 will be held at Hohai University, Nanjing, China, from 14-17 May 2012. As you may know, this series of conferences is the largest of its kind, following the previous successful conferences, 2004 in France, 2006 in Portugal, 2008 Turkey, and 2010 in Spain.

The purpose of this Symposium in series is to provide the participants with a broad overview of the state of the art on fractional systems, leading to the cross-fertilization of new research on theoretical, experimental and computational fronts for potential uses of fractional differentiation in diverse applications. Major topics include but are not limited to: Anomalous diffusion; Vibration and Control; Continuous Time Random Walk; Levy Statistics, Fractional Brownian Motion; Stretched Gaussian; Power Law; Riesz Potential; Fractal Derivative and Fractals; Computational Fractional Derivative Equations; Nonlocal Phenomena; History dependent Process; Porous Media; Fractional Filters; Biomedical Engineering; Fractional Phase-Locked Loops; Fractional Variational Principles; Fractional Transforms; Fractional Wavelet; History of Fractional Calculus; Soft Matter Mechanics; Fractional Signal and Imaging Processing; Singularities Analysis and Integral Representations for Fractional Differential Systems; Special Functions Related to Fractional Calculus; Non-Fourier Heat Conduction; Acoustic Dissipation, Geophysics; Relaxation; Creep; Viscoelasticity; Rheology, etc.

The organization committee has by now received around 300 abstracts. This announcement is to remind you that the submission deadline for extended abstract (less than 4 pages) or full paper is February 15, 2012. The colleagues, who have not submitted, please do it as soon as possible. Many thanks for your participation. For details please visit the FDA12 Symposium website <http://em.hhu.edu.cn/fda12/>. For submission please contact fda12@hhu.edu.cn.