



Special Issue on Differential Dynamic System

Call for Papers

Any objective system evolves with time and is a dynamic system from a mathematical point of view. So Smale calls the dynamic system the mathematics of time. Differentiation is a dynamic description of variables. In terms of the development of dynamic systems, the introduction of differential structure and differentiability conditions plays an important role. Differential equation arise in many areas of science and technology, specifically whenever a deterministic relation involving some continuously varying quantities (modeled by functions) and their rates of change in space and/or time (expressed as derivatives) is known or postulated.

In this special issue, we intend to invite front-line researchers and authors to submit original researches and review articles on exploring **differential dynamic system**. Potential topics include, but are not limited to:

- Discrete dynamic systems
- Impulsive dynamical systems
- Hybrid dynamical systems
- Continuous dynamical system
- Stable manifold
- Bifurcation theory
- Singular perturbation
- Stability theorem
- Nonlinear evolution equations
- Stochastic differential equations

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue – Differential Dynamic System**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	May 30th, 2019
Publication Date	July 2019

Guest Editor:



For further questions or inquiries
Please contact Editorial Assistant at
am@scirp.org