Applied Mathematics

# Special Issue on Optimization

## Call for Papers

In mathematics, computer science, or management science, mathematical optimization (alternatively, optimization or mathematical programming) refers to the selection of a best element from some set of available alternatives. In the simplest case, an optimization problem consists of maximizing or minimizing a real function by systematically choosing input values from within an allowed set and computing the value of the function. The generalization of optimization theory and techniques to other formulations comprises a large area of applied mathematics. More generally, optimization includes finding "best available" values of some objective function given a defined domain, including a variety of different types of objective functions and different types of domains.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Optimization**.

Authors should read over the journal’s Author Guidelines carefully before submission, Prospective authors should submit an electronic copy of their complete manuscript through the journal 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-Optimization**” should be chosen during your submission.

According to the following timetable:

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| Manuscript Due | July 10th, 2012 |
| Publication Date | August 2012 |

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