Special Issue on Applied Iterative Methods

Call for Papers

Iterative Method refers to a wide range of techniques that use successive approximations to obtain more accurate solutions to a linear system at each step. Until recently, direct solution methods were often preferred to iterative methods in real applications because of their robustness and predictable behavior. It is used in many applications, such as tomography, intensity-modulated radiation therapy, magnetic-resonance imaging, hyperspectral imaging, planewave propagation, inverse problems and the laplace transform, detections and classification.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **applied iterative methods**. Potential topics include, but are not limited to:

- Basic iterative methods
- Projection methods
- Krylov subspace methods
- Preconditioned iterations
- Preconditioning techniques
- Multigrid methods
- Domain decomposition methods
- Applications of iteration methods

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 specify the "**Special Issue**" under your manuscript title. The research field "**Special Issue - *Applied Iterative Methods***" should be selected during your submission.

Special Issue timetable:

Submission Deadline	May 26th, 2016
Publication Date	July 2016

Guest Editor:

For further questions or inquiries

Please contact Editorial Assistant at
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