



Special Issue on Wavelet Theory and its Applications

Call for Papers

Wavelet theory also called wavelet analysis or wavelets, has attracted much attention for its ability to analyze rapidly changing transient signals. Any application using the Fourier transform can be formulated using wavelets to provide more accurately localized temporal and frequency information. It is widely applications in many areas of physics (molecular dynamics, astrophysics, density matrix localization, seismology, optics, turbulence and quantum mechanics), electrical engineering (signal processing, data compression), mathematical analysis (harmonic analysis, operator theory), biological analysis (brain rhythms, DNA analysis, protein analysis), and etc.

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

- Wavelet transform
- Wavelet functions
- Wavelet analysis
- Discrete wavelets
- Continuous wavelets
- Applications

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 - Wavelet Theory and its Applications**” should be selected during your submission.

Special Issue timetable:

Submission Deadline	June 28th, 2016
Publication Date	August 2016

Guest Editor:

For further questions or inquiries
Please contact Editorial Assistant at
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