

## Special Issue on Ultrasonic Research

### Call for Papers

Ultrasound is an oscillating sound pressure wave with a frequency greater than the upper limit of the human hearing range. Ultrasound is used in many different fields. Ultrasonic devices are used to detect objects and measure distances. Ultrasonic imaging is used in human and veterinary medicine. In non-destructive testing of products and structures, ultrasound is used to detect invisible flaws.

Industrially, ultrasound is used for cleaning and for mixing, and to accelerate chemical processes. Organisms such as bats and porpoises use ultrasound for locating prey and obstacles. Ultrasonics is the application of ultrasound. Ultrasound can be used for imaging, detection, measurement, and cleaning. At higher power levels ultrasonics are useful for changing the chemical properties of substances.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Ultrasonic Research**. All contributions are welcome: Ultrasonic Impact Treatment, Ultrasonic manipulation and characterization of particles, Ultrasonic cleaning, Ultrasonic disintegration, Ultrasonic humidifier, Ultrasonic welding etc.

Authors should read over the journal's Authors' Guidelines carefully before submission, Prospective authors should submit an electronic copy of their complete manuscript through the journal Paper Submission System. According to the following timetable:

Manuscript Due	July 28th, 2013
Publication Date	September 2013

Please kindly notice that the "Special Issue" under your manuscript title is supposed to be specified and the research field "**Special Issue — Ultrasonic Research**" should be chosen during your submission.

Special Issue Editor

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