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## DESCRIPTION

*Ultrasonics* is the only internationally established journal which covers the entire field of ultrasound research and technology and all its many applications. *Ultrasonics* contains a variety of sections to keep readers fully informed and up-to-date on the whole spectrum of research and development throughout the world. Ultrasonics publishes papers of exceptional quality and of relevance to both academia and industry. Manuscripts in which ultrasonics is a central issue and not simply an incidental tool or minor issue, are welcomed.

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(Non-linear ultrasonics; acoustic and near-field acoustic microscopy; ultrasonic scattering)

Tribikram Kundu, Dept. of Civil Engineering and Engineering Mechanics, Aerospace and Mechanical Engineering Department, University of Arizona, 1209 E. 2nd Street, Tucson, Arizona, AZ 85721, USA, Fax: +1-520-621-2550
Non-destructive Evaluation (NDE); Structural Health Monitoring (SHM); Guided ultrasonic wave; Wave propagation modeling; Non-linear ultrasonics.

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(Bio-medical ultrasonics, including bio-medical instrumentation, transducers, systems and signal processing; interaction of ultrasound and biological tissue)

Margaret Lucas, School of Engineering, University of Glasgow, G12 8QQ, Glasgow, UK
Power ultrasonics; Surgical devices; Industrial applications.

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Phonon physics; Phononic crystals; Phononic metamaterials; Ultrafast spectroscopy; Picosecond ultrasonics; Phonon imaging.

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Ultrasonic signal processing; Ultrasonic imaging; Ultrasonic NDE; Ultrasonic SHM; Ultrasonic wavefield imaging.

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Medical ultrasound; Bubbles; Antibubbles; Droplets; Cavitation; Radiation forces.

Zhongqing Su, Dept. of Mechanical Engineering, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong, China, Fax: +852-2365-4703
Structural Health Monitoring (SHM); Wave Propagation; Ultrasonics; Sensors and Sensor Networks; Non-destructive Evaluation (NDE); Smart Materials and Structures; Advanced Composite Materials.

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