

Call for Papers

Open Acoustics Journal

Special Issue on “Waves in Piezoelectric Structures: Modeling and Device Applications”

<http://www.bentham.org/open/toacoj>

Guest Editors:

Prof. Weiqiu Chen

Zhejiang University, China

Prof. Ji Wang

Ningbo University, China

Authors are invited to contribute papers to Open Acoustics Journal for a Special Issue on ‘*Waves in Piezoelectric Structures: Modeling and Device Applications*’ to guest editors, Prof. Weiqiu Chen at toacoj@benthamopen.org

The scope of the issue will include, but is not limited to:

- Analytical methods for wave propagation in piezoelectric media
- Numerical simulations of wave propagation in piezoelectric media
- Bulk acoustic waves (BAWs) in piezoelectric bodies
- Surface acoustic waves (SAWs) in piezoelectric bodies
- Waves in periodic piezoelectric structures
- Waves in aperiodic piezoelectric structures
- Mechanism of piezoelectric device operation
- Piezoelectric sensors and their applications

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Special Issue on “Waves in Piezoelectric Structures: Modeling and Device Applications”

Guest Editor:

Prof. Weiqiu Chen

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The ‘*The Open Acoustics Journal*’ invites authors to submit papers for the Special Issue on ‘*Waves in Piezoelectric Structures: Modeling and Device Applications*’. The special issue is aimed at providing a forum for publication of original, peer-reviewed short communications, full-length research and review articles on new research findings and developments in waves in piezoelectric media. As the field of critical importance, it requires co-operation in the research community all over the world to share their knowledge and experience in order to advance the understandings of novel piezoelectric resonators, sensors, and other devices.

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Papers on other relevant topics addressing the latest advancements in the field of Physical Acoustics will be also considered for publication in this special issue.

This special issue will provide a platform for rapid publication of high quality articles. It is aimed to be a reliable source of information on current developments and research in the field freely available to researchers worldwide.

The open access publication of this issue in ‘*The Open Acoustics Journal*’ is the combination of scholarly literature with the new technology converging it to make possible an unprecedented public good. It is the universal tradition that researchers and scholars want to publish the fruits of their research for the sake of inquiry and knowledge. The new technology is the internet. The public good they make possible is the world-wide electronic distribution of the literature and completely free and unrestricted access to it by all scientists, scholars, teachers, students, and other curious minds. We are confident that the OPEN ACCESS availability of the literature contained in this issue

will accelerate research, enrich education, make this literature as useful as it can be, and lay the foundation for uniting humanity in a common intellectual conversation and quest for knowledge.

The papers will be initially screened by the special issue editor, and then send out for single blind peer review in accordance with the procedures of *'The Open Acoustics Journal'*. Authors are encouraged to submit high-quality articles that have neither appeared in nor are under consideration by other journals.

Manuscripts should be submitted for review with a covering letter and a list of five potential reviewers and their contact details including e-mails to the guest editors of the issue, Prof. Weiqiu Chen and Prof. Ji Wang by e-mail at sidra@benthamsience.org. Authors may also submit their articles directly to the journal editorial office at toacoj@benthamopen.org and copy to sidra@benthamsience.org

Manuscripts can also be submitted online using our online submission service available via FTP at www.bentham-ftp.org/open/?toacoj

Authors must consult the 'Instructions for Authors', for manuscript templates, cover letter, formatting requirements and submission guidelines available on the journal web site at <http://bentham.org/open/tobctj/MSandI.htm>

The Special Issue is scheduled for publication in end of 2010.