



ACTA ACUSTICA

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The Journal of the European Acoustics Association (EAA) - International Journal on Acoustics

Instructions for Authors

1 Function and Scope

Acta Acustica united with Acustica, published together with the [European Acoustics Association \(EAA\)](#), is an international, peer-reviewed journal on acoustics. It publishes original articles on all subjects in the field of acoustics, such as

general linear acoustics, nonlinear acoustics, macrosonics, flow acoustics, atmospheric sound, underwater sound, ultrasonics, physical acoustics, structural acoustics, noise control, active control, environmental noise, building acoustics, room acoustics, acoustic materials, computational and numerical acoustics, hearing, audiology and psychoacoustics, speech, musical acoustics, electroacoustics and signal processing, auditory quality of systems.

The journal reports on original scientific research in acoustics and on engineering applications. The journal considers scientific papers, technical and applied papers, book reviews, short communications, doctoral thesis abstracts, etc. In irregular intervals also special issues and review articles are published.

2 Languages

Accepted languages: English, French and German. Authors seeking to reach a wide readership may wish to consider publishing in the English language. Authors of contributions in English, who want linguistic support, may indicate this upon submission of their manuscripts. If the contribution is not in English, a title and a summary in English must be submitted.

3 Manuscripts

Manuscript submission guidelines have changed on Jan. 1st 2008. The review process of all manuscripts submitted prior to that date will be completed following the instructions for authors valid at the time of submission.

3.1 Submission

New and revised manuscripts shall be submitted online at <http://www.editorialmanager.com/aaa/>

The following information will need to be provided during submission:

1. Article type

Acta Acustica united with Acustica publishes review papers, scientific papers, short communications, technical

and applied papers, and letters to the editor.

■ **scientific papers**: contain original material (ideas, models, experiments) not published elsewhere that contributes substantially to the advance of science in the field of acoustics; they should clearly establish the relation between the work reported on, and the state-of-the-art; scientific papers are typically not longer than 12 pages;

■ **review papers**: discuss the state-of-the-art in an area of acoustics that seems of particular interest to the community at this point in time; review papers should be particularly complete in covering literature and should mention all ideas, models, experiments, even if they do not correspond to the authors own opinion;

■ **technical and applied papers**: report on original applications of an existing technique, concept, or measurement method to a new area; it is essential that a technical and applied paper is of sufficient interest to a group of researchers and engineers beyond the specific application or geographic area;

■ **short communications**: are short scientific papers typically not longer than 4 pages; one can decide for a short communication to report on original, new ideas, models, or experimental results, that do not require a substantial discussion; they are NOT scientific papers of poor quality;

■ **letters to the editor**: are promoted as a forum to simulate scientific discussion; typically they are critical comments on or additions to published work by the author or his peers; they may also introduce new ideas for future research without the proof required for a scientific paper; the scientific level needs nevertheless be guaranteed.

2. Title

The manuscript title should be chosen carefully to reflect the content of the manuscript.

3. Author(s) and their affiliation

The corresponding author should be fully registered in the online manuscript handling system. For other authors that are not registered, entering name and affiliation is sufficient. The submitting author can select other authors to become the corresponding author.

4. Field (Section/Category)

Your manuscript will be published and indexed under this Section in **Acta Acustica united with Acustica**.

5. Abstract

The abstract should be a brief and precise representation of the content of your manuscript. The choice of wording is of utmost importance since searching in different indexes is mainly based on the abstract text.

6. Classification (PACS number)

For additional classification and for selecting reviewers, the PACS (Physics and Astronomy Classification Scheme) is used. Please select one to five keywords accurately describing the area of your manuscript from the list.



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7. Statement concerning the originality of the work

A manuscript can only be considered for publication if it is not under review or in print with another journal. Previous submission to another journal is no objection but the reason for submitting to **Acta Acustica united with Acustica** should be clarified.

8. Comments to the Editorial Office (optional)

Optionally, additional comments to the editorial board can be added. These comments will not be forwarded to the reviewers.

9. Suggested reviewers (optional)

Optionally the author can suggest reviewers. The editors are free to follow these suggestions or not.

10. Oppose reviewers (optional)

Optionally the author can oppose possible reviewers. Please give a good reason to oppose a reviewer. The editors preserve the right to ignore these objections.

11. Manuscript files and figures

Files containing the manuscript and figures should be uploaded online. At least one item "Manuscript" should be attached to the submission. If multiple documents are added, they will be included in the automatically generated PDF file used for review in the order given in the submission. Manuscripts should be submitted preferably in LaTeX. Please submit only one .TeX file, and add all non-standard .cls and .sty files used in the source file. Additional files such as bibliographic data have to be added as separate documents if not included in the main file(s). Authors not familiar with LaTeX may also submit their manuscript as Word, WordPerfect, or RTF. Figures should be submitted as separate files in a vector graphic format: encapsulated postscript, EPS. In exceptional cases TIFF, GIF, JPEG, PICT may also be used. These formats are also allowed for photographs and similar graphic material.

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Your manuscript will then be assigned a manuscript number and the Editor-in-Chief will forward it to the most appropriate Associate Editor. The Associate Editor will send the manuscript to referees, supervise the reviewing process and will inform you of his/her decision. Final disposition is up to the Editor-in-Chief. You can follow the review process at any time by logging in at <http://www.editorialmanager.com/aaa/>

3.2 Style

Any submitted manuscript should be in a form that allows the referees efficient study; it should be easily readable and offer enough space to add comments onto it.

Formulae should be clearly written using standard symbols which are explained at its first appearance. Nomenclatures or list of symbols will be dropped.

In order to assure a readable appearance in the printed version, the **figures** must be carefully designed. In particular, the thickness of lines and the height of text must be chosen such that the lines are still clearly visible and the text legible after the figures are reduced to column size. Care should also be taken to ensure line types (dashed, dotted, different thickness) and line markers are such that lines can still be differentiated after the figures are reduced to their final size.

It is recommended to produce originals at a width of about 150 mm each. The thickness of lines should then be about 0.5 mm, the letter height should be 4.2 to 4.5 mm (12 to 14 pt). These Figures are reduced in size to a final width of about 75 mm. In rare cases, double-column figures are allowed. In this case the line-thickness should be about 0.3 mm, letter height 2 mm (7 pt). Please do not use larger lettering than necessary, avoid bold fonts and keep the letter size constant either in all parts of each figure or throughout the entire set of figures.

Original figures should be printed or drawn in black and white. Unnecessary details should be avoided as well as extra frames, headings, grids and extensive use of hatched areas. If an author wishes to include figures containing greyscales, it is obligatory to deliver data files of these pictures. Where coloured figures are needed, the CD and online version of the journal will show the coloured figures, while the figures will normally be reproduced only in black and white in the print version. The publication of coloured figures in the print version requires a special fee to be paid to the publisher.

If the figures are produced by using a computer, the authors are asked to provide separate files of the figures. Any vector format is preferred, standard encapsulated postscript is recommended.

4 Proofs

Proofs will be sent to the person indicated as the corresponding author at submission of the manuscript. The corrected proofs should be returned within 8 days, corrections should be carefully done and clearly indicated. No new material can be inserted in the text at the time of proof reading.



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