

Editor-in-Chief

Prof. Dr. ir. Dick Botteldooren
Ghent University
Department of Information Technology
Acoustics Group
St. Pietersnieuwstraat 41
B-9000 Gent, Belgium
Tel.: +32 9 264 9968
Fax: +32 9 264 9969
E-mail: aa.a@intec.ugent.be

Associate Editors

Prof. Keith Attenborough, GB-Hull
Dr. Pierre Badin, F-Grenoble
Prof. Murray Campbell, GB-Edinburgh
Prof. Roberto Camussi, I-Rome
Dr. Yves Cazals, F-Marseille
Prof. Jean-Marc Conoir, F-Le Havre
Prof. Trevor J. Cox, GB-Salford
Prof. Nico F. Declercq, US-Atlanta & F-Metz
Prof. Catherine Guastavino, CA-Québec
Prof. Jean-Louis Guyader, F-Villeurbanne
Dr. Kurt Heutschi, CH-Duebendorf
Prof. Manfred Kaltenbacher, AT-Wien
Prof. Jian Kang, UK-Sheffield
Prof. Armin Kohlrausch, NL-Eindhoven
Dr. Denis Lafarge, F-Le Mans
Prof. Kin Che Lam, HK-Shatin, New Territories
Prof. Tapio Lokki, SF-Helsinki
Prof. Steffen Marburg, D-München
Prof. Timothy Van Renterghem, B-Ghent
Prof. Victor J. Sanchez-Morcillo, E-Valencia
Prof. Joachim Scheuren, D-Planegg
Prof. Gerhard M. Sessler, D-Darmstadt
Prof. Andrzej Stepnowski, PL-Gdansk
Prof. Peter Svensson, NO-Trondheim
Prof. Michael Taroudakis, GR-Heraklion
Dr. Vincent Tourmat, F-Le Mans
Dr. Olga Umnova, GB-Salford
Prof. Jesko L. Verhey, D-Magdeburg
Prof. Gerrit Vermeir, B-Leuven
Dr. Michel Villot, F-Lyon

Abstracted/Indexed in:

Cambridge Scientific Abstracts /
Electronics and Communication Abstracts;
Current Contents /
Physical, Chemical and Earth Sciences;
Current Contents /
Engineering, Computing & Technology;
Ei Compendex Plus (Engineering Information);
FRANCIS (CNRS); INSPEC;
Research Alert; SciSearch; Science Citation Index.
Recognized by the European Physical Society

Acta Acustica united with Acustica,

the journal of the European Acoustics Association (EAA), is an international journal on acoustics. Manuscripts of articles and letters should be submitted to the Editor-in-Chief. They will be forwarded to the Associate Editor responsible for the subject area of the paper. A detailed list of Associate Editors and Instructions for Authors are given on the last pages of each issue. Manuscripts are refereed by two experts and reviewed by the Associate Editor and Editor-in-Chief before acceptance. No honorarium is paid. The first author of an article will receive 25 offprints free-of-charge. Further offprints may be ordered at extra costs. A price list is available from the publisher. All articles published in this journal represent the opinions of the authors and do not necessarily reflect the opinions of the editors. The publisher cannot be held responsible for unsolicited manuscripts. Submission of a manuscript implies that the work has not been published before and that it is not under consideration elsewhere.

The submitting/corresponding author will need to fill in and sign the Copyright Transfer Statement for the journal and return it to the publisher. Please see this form on the journal's website for information on what rights you retain as an author and on the publisher's author self-archiving policy.

The journal and all articles and illustrations published herein are protected by copyright. Beyond the narrow copyright restrictions and without the express written permission of the publisher, no part of this journal may be translated into a foreign and/or machine readable language, reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, microfilming, recording or otherwise. The use of general descriptive names, trade names, trademarks, etc. in a publication, even if not specifically identified, does not imply that these names are not protected by the relevant laws and regulations.

Internet

<http://www.Acta-Acustica-united-with-Acustica.com>
<http://www.ingentaconnect.com/content/dav/aaau>
<http://eaa-fenestra.org/acta>

Subscription Information

Acta Acustica united with Acustica is published bimonthly. Annual institutional subscription rate (Vol. 98, 2012, No 1–6): € 1070,00 plus shipping & handling costs (Europe: € 28,00; rest of the world: € 49,00). Airmail costs upon request. Price for a single copy: € 212,00 plus shipping & handling costs (Europe € 4,67, rest of the world € 8,17). All prices including VAT. Institutional subscriptions include online access to the full text via <http://www.ingenta.connect.com> provided a licence agreement is concluded with the publisher. No online availability for additional supplement issues (congress abstracts issues) which are published in irregular intervals. Subscriptions are made on a continuation basis unless ordered for a limited period. Cancellations may only be made for a complete annual volume, they must be received by the publisher by 15 November of the preceding year at the latest.

Publisher

S. Hirzel Verlag GmbH & Co.
Birkenwaldstrasse 44
D-70191 Stuttgart, Germany
Tel.: +49 711 2582-0, Fax: +49 711 2582-290
E-mail: ActaAcustica@Hirzel.de

Production Manager

Dr. Johann Wempfen, Daucher Strasse 98
D-85053 Ingolstadt, Germany
Tel.: +49 841 975 852
E-mail: wempfen@t-online.de

Responsible for Text Material

Prof. Dr. Dick Botteldooren, Acoustics Group,
Department of Information Technology,
Ghent University, St. Pietersnieuwstraat 41,
B-9000 Gent, Belgium.

Responsible for Advertisements:

S. Hirzel Verlag, Birkenwaldstrasse 44
D-70191 Stuttgart, Germany
Tel.: +49 711 25 82-242, Fax: +49 711 25 82-252
E-mail: anzeigen@hirzel.de.
Present effective rate card: October 1, 2012.

Printed by W. Kohlhammer Druckerei GmbH + Co. KG, Augsburg Strasse 722, 70329 Stuttgart

© 2012 S. Hirzel Verlag GmbH & Co., Stuttgart;
European Acoustics Association,
Calle Serrano 144, E-28006 Madrid, Spain
ISSN 1610-1928 (Print), ISSN 1861-9959 (Online)
Acta Acustica united with Acustica
Volume 98 Number 6
(Acta Acustica Vol. 20 No. 6,
Acustica Vol. 98 No. 6)