

# International Journal of ENGINE RESEARCH



## BRIEF GUIDELINES FOR AUTHORS

### Aims & Scope

The *International Journal of Engine Research* is aimed at publishing only the highest quality original papers on experimental and analytical studies of engine technology. The Journal serves as the premier source of long-term reference information about all aspects of engines used in various means of transportation.

Research topics of interest include, but are not limited to:

- in-cylinder flow
- mixture distribution
- combustion
- exhaust emissions
- combustion engine performance
- fuel injection systems
- fuel spray technology
- fuels and lubricants and their influence on engine performance
- piston-ring lubrication
- mathematical modeling of intake/exhaust processes
- after-treatment technology
- powertrain simulation.
- conventional and alternative fuels
- electronic engine controls

The Journal is published in collaboration with the Society of Automotive Engineers, The Institution of Mechanical Engineers and The Japan Society of Mechanical Engineers.

### Length

In general, submissions should not normally exceed 5000 words (with up to 10 illustrations). Longer articles will be considered, however, as our criterion is that the content justifies the length of the article.

There are no page charges.

### Preparation of manuscripts

1. The language of the Journal is English and the preferred spellings are those of the Oxford English Dictionary.
2. Papers should be written in the third person in an objective, formal and impersonal style.
3. SI units should be used wherever possible, as recommended in ISO 1000 and BS5555.
4. Symbols for physical quantities should be in italic (sloping) type. Mathematical operators and constants (sin, e, d, log,  $\pi$ , . . .) and symbols for units (m, kg, s, . . .) should be in roman (upright) type.

- Vectors should be in bold italic type (***A***) and matrices in bold upright type (****A****). If this is not possible then they should be indicated by a wavy line. Further details are given in ISO 31 and BS 5775.
5. Manuscripts should be typed, with double spacing throughout (including references), on A4 size paper, leaving ample margins. A list of captions for the illustrations and each table should be typed separately.
  6. The preferred order of contents is as follows:
    - (a) Title of article.
    - (b) Author(s) name(s) and business address.
    - (c) Abstract of not more than 200 words: covering the aims of the work, methods used, results obtained and conclusions reached; keywords for information retrieval purposes should be indicated.
    - (d) Body of the paper: organized into logical sections, sequentially numbered with no more than two grades of subheadings.
    - (e) Acknowledgements.
    - (f) References in the order to which they have been referred in the text [**1**, **2**]. For example:
      - 1 Weston, R.H.** Integration infrastructure requirements for agile manufacturing systems. *Proc. Instn. Mech. Engrs, Part B, Journal of Engineering Manufacture*, 1998, **212**(B6), 423-437.
      - 2 Hansford, E.W.W., Francis, R.J. and Broadbent, J.H.** JASON decommissioning project. In IMechE International Conference on *Nuclear Decommissioning '98*, London, 2-3 December 1998, Conference Transactions 1998-12, paper C539/012/98, pp. 157-168 (Professional Engineering Publishing, Bury St Edmunds and London).
    - (g) Tables: these should be numbered consecutively throughout the text.
    - (h) List of captions for the illustrations which should also be numbered consecutively throughout the text; both line drawings and photographs must be included in the same numbering sequence.
    - (i) List of notation as the first appendix, in alphabetical order, defining all the symbols used in the paper (see 4 above).

## Illustrations

Illustrations should only be included if they are informative and add to the understanding of the reader. Each illustration should be marked with the author's name and the figure number; the top of each illustration should be indicated. No illustrations will be returned to the author unless specifically requested.

1. *Line drawings* should be supplied as camera-ready originals or ready to be used on reduction. All labelling/annotation should be of consistent size/style throughout. Symbols should be used to match those used in the text (see 'Preparation of Manuscripts', above). **Please avoid use of shading**; use hatching instead for clarity. Multicoloured line drawings are unsuitable for monochrome (black and white) printing. Computer-generated drawings are only acceptable if the line thickness is adequate to stand reduction.
2. *Photographs* should be clear, sharp, black and white prints, with good contrast, on glossy paper; the most suitable size is twice the final size. Cuttings from printed matter or photocopies are unsuitable for reproduction.
3. *Colour illustrations* may be included. Where the use of colour is **essential**, this will be at **no cost** to the author. However, if the Editors decide that colour reproduction is not essential, authors will be asked to pay a standard charge for colour of £1600 per article, based on the author supplying electronic files for the figures. If the author does not supply the electronic files, then the full (higher) costs of reproduction will be payable.

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## Submission of manuscripts

### *Postal Submission*

One original and four copies of the manuscript together with photographs and line drawings should be sent to one of the Editors:

#### **Professor C Arcoumanis**

City University  
School of Engineering and Mathematical Sciences  
Northampton Square  
London EC1V 0HB  
UK

#### **Professor R Reitz**

Department of Mechanical Engineering  
University of Wisconsin, Madison  
1500 Engineering Drive, Rm1081A  
Madison, Wisconsin 53706  
USA

#### **Professor T Kamimoto**

Tokai University  
Department of Mechanical Engineering  
1117 Kitakaname, Hiratsuka-shi  
Kanagawa 259-1292  
JAPAN

or to: Managing Editor  
International Journal of Engine Research  
Professional Engineering Publishing Ltd.  
1 Birdcage Walk  
London SW1H 9JJ  
UK

Tel: +44 (0)20 7304 6841 Fax: +44 (0)20 7304 6923 Email: [jer@pepublishing.com](mailto:jer@pepublishing.com)

In the case of joint authors it must be made clear to whom correspondence and proofs are to be directed.

## **Review Process**

Submissions to the journal are assessed by independent referees who make recommendations on the suitability of the articles for publication. The Editors are committed to providing timely assessment of articles and authors are informed of the publication decision as soon as possible.

It should be noted that our refereeing process, common to many other publishers, is single-blind, that is, the referees remain anonymous and their identities are not released to authors. The referees, however, are informed of the authors' names and affiliations.

## **Production**

If an article is accepted for publication, we ask for electronic files to facilitate the production process. PDF files are not appropriate for our production requirements. Many types of software are acceptable, but MS Word is preferred. Separate files should be created for each of: the text; the references; each appendix; each table; and the figure captions. Illustrations should also be submitted as separate files. Do *not* merge the files into one electronic document. ASCII files should be included if available.

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