

# JOURNAL OF AUTOMOBILE ENGINEERING

Proceedings of the Institution of Mechanical Engineers Part D



## BRIEF GUIDELINES FOR AUTHORS

### Aims & Scope

The *Journal of Automobile Engineering* is the leading international journal serving the multidisciplinary global automotive industry. The journal reflects the continual development and changing needs of this diverse community by means of guidance from an international Editorial Board in partnership with the Society of Automotive Engineers, the Institution of Electrical Engineers, the Institute of Vehicle Engineers and the Motorsport Industry Association.

The *Journal of Automobile Engineering* provides a forum for those involved in research, design, development, manufacture, operation, servicing and repair of cars, commercial vehicles, public service vehicles, off-highway vehicles and industrial and agricultural tractors throughout the world. The scope includes auxiliary equipment systems, components and complete vehicles for automotive transportation.

Topics include:

- vehicles and components
- engines and fuels
- structures, mechanisms, lubrication and wear
- dynamics and primary safety
- control and information systems, vision and lighting
- environmental impact of vehicles
- operation, reliability, durability, servicing and repair
- economics, legislation and management
- comfort, refinement and secondary safety
- manufacturing technology and systems
- electronics and traffic information systems
- supply chain development

### Length

1. In general, Technical Papers, Review Papers and Case Studies 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.
2. Technical Notes should not exceed 1500 words and 5 illustrations.
3. Discussions on papers already published should not exceed 500 words and 2 illustrations.

There are no page charges.

### Preparation of manuscripts

1. The language of the Proceedings 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. This will only be considered where the use of colour is unavoidable. Any author wishing to include colour illustrations must make this plain when submitting the paper, as any colour must be agreed with the publisher prior to the paper being accepted. We have recently introduced 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

### *Electronic Submission*

We have a fully-integrated online submission and peer review system for *Journal of Automobile Engineering*. To submit to *Journal of Automobile Engineering*, go to <http://jauto.edmgr.com/> or follow the 'Online Submission and Review' link from the journal's homepage at <http://journals.pepublishing.com/jauto>. Instructions (in pdf format) on how to submit to the journal are available for download at the Online Submission and Review welcome page.

### *Postal Submission*

Electronic submission is our preferred submission route. However, if you do not have access to the internet, please send five copies of the manuscript (together with a disk or CD of the manuscript files), photographs and line drawings to:

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

We would also welcome suggestions of at least four appropriate referees. This will assist us in enhancing our referee database and one or more of your suggestions may be asked to review your submission.

## Review Process

Submissions to the journal are assessed by independent referees who make recommendations on the suitability of the articles for publication. We 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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