

AI EDAM Instructions for Authors

AIMS AND SCOPE

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Title page. This is page 1. The title should be concise, informative, and free of abbreviations, chemical formulae, technical jargon, and esoteric terms. This page should include: (a) the article's full title; (b) the names and affiliations of all authors; (c) the name, mailing address, telephone number, and E-mail address of the corresponding author; (d) a short title of 40 characters or less; and (e) a list of the number of manuscript pages, tables, and figures.

Abstract and keywords page. This is page 2 and should include (a) the article's full title, (b) an abstract of no more than 300 words, and (c) up to 5 keywords or phrases that reflect the content and major thrust of the article. The abstract should give a succinct account of the objective, methods, results, and significance of the subject matter.

Introduction. This section begins on page 3 and should clearly state the objective of the research in the context of previous work bearing directly on the subject. An extensive review of the literature is usually not appropriate.

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Tables. Tables should be numbered consecutively with Arabic numerals, and each should be double-spaced on separate pages after the references. A short explanatory title and column headings should make the table intelligible and a footnote should define all terms without reference to the text. All tables must be cited sequentially.

Figures and captions. The number of figures should be the minimum necessary to make the essential points of the paper. Figures should be no larger than 6 X 8 in. (approx. 200 X 250 mm). Figures should be composed to occupy one column (20 picas or 8.3 cm) or two columns (41.5 picas or 17 cm) after reduction. Diagrams and illustrations must have a professional appearance and be created with high-resolution lettering to permit reduction. To assure legibility, letters, numbers, and symbols on figures should all be the same size and have a minimum height of 2 mm (i.e., 6 points on the pica scale) when reduced. Each figure must be cited sequentially. Figures must be numbered consecutively with Arabic numerals and be accompanied by a descriptive double-spaced caption provided at the end of the article. The captions should concisely describe the figure, identify any symbols and/or calibration bars, and define any terms or acronyms. Acceptable figure file formats are MS Word, EPS, JPEG, TIFF, PS, and PDF.

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Journal or Magazine Article

Brown, D.C. (2010). AI EDAM at the cutting edge. *Artificial Intelligence for Engineering Design, Analysis and Manufacturing* 24(3), 281–282.

Frey, D., Birmingham, W., & Dym, C. (2010). Design pedagogy: representations and processes [Guest editorial]. *Artificial Intelligence for Engineering Design, Analysis and Manufacturing* 24(3), 283–284.

Knight, T., & Sass, L. (2010). Looks count: computing and constructing visually expressive mass customized housing. *Artificial Intelligence for Engineering Design, Analysis and Manufacturing* 24(3), 425–445.

Book

Dym, C.L. (1994). *Engineering Design: A Synthesis of Views*.



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New York: Cambridge University Press.

Chapter in Edited Book

Goodman, J., Clarke, S., Langdon, P., & Clarkson, P.J. (2007). Designers' perceptions of methods of involving and understanding users. In *Universal Access in Human Computer Interaction* (Stephanidis, C., Ed.), LNCS Vol. 4554, pp. 126–136. New York: Springer.

Proceedings With Publisher Identified

Strickfaden, M., & Heylighen, A. (2007). Exploring the cultural capital of design educators. *Proc. Int. Conf. Engineering Design, ICED'07*. Paris: The Design Society.

Proceedings With No Publisher Identified

Shu, L., Hansen, H., Gegeckaitė, A., Moon, J., & Chan, C. (2006). Case study in biomimetic design: handling and assembly of microparts. *Proc. ASME 2006 Int. Design Engineering Technical Conf. & Computers and Information in Engineering Conf.*, Paper No. DETC2006/DTM-99398, Philadelphia, PA, September 10–13.

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