

Radiation Protection Dosimetry

INSTRUCTIONS TO AUTHORS FOR CONFERENCE PAPERS

SCOPE: Radiation Protection Dosimetry covers all aspects of personal and environmental dosimetry and monitoring, for both ionising and non-ionising radiations. This includes the biological aspects, physical concepts, biophysical dosimetry, external and internal personal dosimetry and monitoring, environmental and workplace monitoring, accident dosimetry, and dosimetry related to the protection of patients. Particular emphasis is placed on papers covering the fundamentals of dosimetry such as units, radiation quantities and conversion factors. Papers covering archeological dating are included only if the fundamental measurement method or technique, such as thermoluminescence, has direct application to personal dosimetry measurements. Papers covering the dosimetric aspects of radon or other naturally occurring radioactive materials and low level radiation are included. Animal experiments and ecological sample measurements are not included unless there is a significant relevant content related to dosimetry in man.

Scientific or Technical Papers should be full papers of a theoretical or practical nature with comprehensive descriptions of the work covered.

Scientific or Technical Notes should be brief, covering not more than 4 journal printed pages (one page contains about 800 words or equivalent in figures) and are likely to cover work in development or topics of lesser significance than full papers.

Letters to the Editor should be written as letters with the authors' names and addresses at the end and should be marked 'For Publication'.

LANGUAGE: All contributions should be in **English**. Spelling should be in accordance with the Concise Oxford Dictionary. However, please use dosimeter rather than dosimetry, for consistency within the journal. Authors whose mother tongue is not English are requested to ask someone with a good command of English to review their contribution before submission.

TITLES should be brief and as informative as possible. A short title of not more than 50 characters for a running head should be supplied.

AUTHORS' names and addresses (with full postal address) should appear immediately below the title. It is a condition of acceptance that all authors shall have read and agreed to manuscripts before submission and after any significant revisions have been made. The author submitting the paper should be prepared, if asked, to certify compliance.

ABSTRACTS containing up to 150 words should be provided on a separate page, headed by the title and authors' names.

MANUSCRIPTS must be typewritten and **double** line spaced. One copy must be original and **three** additional (photocopies) should be provided for refereeing purposes to minimise the time required for refereeing. Copies for the referees may be single spaced if more convenient. Headings should be given to main sections and sub-sections, which should not be numbered. (The heading hierarchy is non-bold capitals, bold lower case and italic lower case). The title page should contain just the title, authors' names and addresses and a short running title. Manuscripts should be written in the third person, **not** the first. Please reserve the use of capital letters for proper names and abbreviations only and not for commonly used terms. Please also provide a copy of the manuscript on disc (Word rtf preferred). This will be returned for amendments/revisions are required. Do not embed graphics into the text but provide these as separate files, specifying the software and the version used.

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TABLES should be typed with horizontal lines only. Data in tables should be rounded to a level appropriate for the information being provided. Copies of tables must accompany each copy of the manuscript on separate pages.

UNITS, SYMBOLS AND EQUATIONS: SI units should be used throughout but other established units may be included in brackets (note that cGy is **not** acceptable). Any Greek letters or special symbols used in the text should be identified in the margin on each occasion they are used. Isotope mass numbers should appear at the upper left of the element symbol e.g. ⁹⁰Sr. Equations should be fully typed and numbered sequentially. Scalar quantities and physical constants should be italicised, including subscripts, where used. Mathematics should be punctuated, as though part of a sentence.

FOOTNOTES should only be included if absolutely necessary. They should be typed on a separate sheet and the author should give a clear indication in the text by inserting (see footnote) so that they may appear on the correct page.

ABBREVIATIONS should be defined when they first appear in the text. (When a term is given in full, followed by an abbreviation, capitals should not be used in the term itself, even to indicate the make-up of the abbreviation).

REFERENCES should be indicated in the text by superior numbers in parentheses and the full reference should be given in a list at the end of the paper in the following form, **in the order in which they appear in the text:**

1. Crase, K. W. and Gammage, R. B. *Improvements in the use of ceramic BeO in TLD*. Health Phys. **29**(5), 739-746 (1975).
2. Clarke, R. H. and Webb, G. A. M. *Methods for estimating population detriment and their application in setting environmental discharge limits*. Proceedings of Symposium - Biological Implications of Radionuclides Released from Nuclear Industries. Vienna, March 1979. IAEA-SM-237/6, 149-154 (1980).
3. Aird, E. G. A. A. *An introduction to medical physics*. (London: Heineman Medical Books Ltd) (1983) ISBN 0 433 003502.
4. Duftschmid, K. E. *TLD personnel monitoring systems - the present situation*. Radiat. Prot. Dosim. **2**(1), 2-12 (1982).
5. International Commission on Radiation Units and Measurements. *Determination of operational dose equivalent quantities for neutrons*. ICRU Report 66. Journal of the ICRU **1**(3), (2001).

All the authors' names and initials (unless there are more than 10 authors, in which case give the first author and the number of authors), the title of the paper, the abbreviated title of the journal, volume number, page numbers and year should be given. Abbreviated journal titles should be in accordance with the current World List of Scientific Periodicals. If **all** of this information is not available the reference should not be cited. Please note the use of lower case lettering in article titles.

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