

**Instructions to authors for manuscript preparation****Submission of SHIM manuscripts**

The proceedings of the conference will be published in a special issue of Nuclear Instruments and Methods B (NIMB) after a full refereeing procedure. The length of the proceedings papers should be in the order of 5-7 pages in the final printed format. Manuscripts are to be submitted electronically to the Elsevier proceedings site

[http://ees.elsevier.com/nimb\\_proceedings/](http://ees.elsevier.com/nimb_proceedings/)

Two paper copies have to be submitted to the organizers by the first day of the conference (May 18).

Estimation of length of printed paper:  $0.4A+0.25(I+J)$

Total number of manuscript pages **A** (typed with double line spacing)

Number of Figures **I**, number of tables **J**

**Refereeing**

The manuscripts will be evaluated according to the regular standards of the journal. The corresponding author of each manuscript will be notified about the recommendations of the referees. If revisions are requested, the corresponding author is expected to provide a response and possibly revised manuscript promptly.

**Format of manuscripts**

The manuscripts will be published in English. Authors' manuscripts must be consistent in style, spelling and syntax. Please note that neither the Conference Editors nor Elsevier Editors have the facilities to provide language editing for papers, so if English is not your native language you are advised to ask an English speaking colleague (or co-worker) to check your paper or have it edited by a professional. *Papers with inadequate English will not be published.* The manuscripts should be submitted in double-spaced typing (not 1-1/2 spaced typing), 12 point Times font, on *consecutively numbered pages* of uniform size no greater than 21 x 30 cm with 3.0 cm margin on the left and 2.0 cm margins on top, bottom and right. Lines should not be numbered.

**Organization of manuscripts (Each item should begin on a new page)**

1. The manuscript length estimate.
2. Title page containing the following, centered, starting at the top : title, names, affiliations and addresses of all authors. This is followed by the abstract, left-justified and double-spaced, which must include a concise statement of results and conclusions. (Note that abstract may extend onto a second page if necessary, but should be limited to less than 300 words).
3. Text, double-spaced, which will generally consist of sections such as Introduction, Methods, Results, Discussion, Conclusions.
4. List of references (single-space within a reference, double-space between references)
5. Tables, one per page (caption above each table, Roman numeral)
6. List of figure captions
7. Figures (without captions); just put figure number (Arabic numeral) at bottom.

**Nomenclature and units** Authors are required to use the SI system for units and nomenclature.

**Comment:** Subunits like mm, GW etc. are of course allowed, as is cm. A few non-SI units like eV and Å are so engrained that use may continue. Prefixes and abbreviations must be correct, i.e. keV, *not* KeV, cm, *not* cms, µg, *not* mkg, etc. Finally **dose** may only be used where appropriate i.e. for absorbed (deposited) energy density. Otherwise **fluence** should be used. Note that the dimension of dose is energy/mass (J/kg or Gray, Gy) while the dimension of fluence is particles/area (most often cm<sup>2</sup>).

**References**

The references should be numbered consecutively throughout the text and should be collected together in a reference list at the end of the paper. Authors should ensure that every reference appearing in the text is in the list of references and vice versa. In the text, numerals for references are given in square brackets [ ] full-size, not as superscripts; numerals referring to equations are enclosed in parentheses.

The following are examples of how references should be listed for (1) a journal article, (2) a book, and (3) a multi-author book :

1. R. Angers, M.R. Krishnadev, R. Tremblay, J.-F. Corriveau, and D. Dube, Mater. Sci. Eng. A, 262 (2009) 9.
2. A. Nadai, Theory of Flow and Fracture of Solids, Vol.1, 2nd ed. (McGraw-Hill, New York, 2010), p.350.
3. R. Ferro, G. Zanicchi, and R. Marazza, in Ternary Alloys, ed. by G. Petzow and G. Effenberg, Vol.6 (VCH, Weinheim, 2006), p.318.

Authors may also opt to give the full titles of papers published in journals. In this case, full titles must be given for all journal papers listed.

Conference proceedings which are not published in archival journals cannot be used as references. For PhD theses, provide the title, name of university, and year. A "personal communication" should be referred to only when permission has been obtained from the person who made the personal communication and should include the affiliation of the individual. A reference to "in press" implies that the paper has been accepted for publication and must include the name or title of the publication. "Unpublished results" and oral presentations are not acceptable references. Each reference should be complete; thus, the use of *ibid.*, *idem.*, *et al.*, etc. is not permitted. Abbreviations for the titles of journals should follow the system used by the Chemical Abstracts Service Source Index and Supplements.

### **Tables**

Each table, regardless of how short, should be placed on a new page. They are to be numbered with Roman numerals, and should have captions which make their general meaning understandable without reference to the text. The units in which results are expressed should be given at the top of each column and should not be repeated on each line of the table. It should be remembered that the length of a printed page is always greater than its width. Tables printed sideways (landscape) should only be used in extraordinary circumstances.

### **Figures**

Figures should be numbered with Arabic numerals, with grouping of figures permitted and labeled with lower-case letters (e.g., figure 2a, 2b, etc.). If possible, graphs, schematics, spectra, etc. should be submitted in the actual size at which they should be published. The width of figures (in the actual size) would be less than 8 cm, which is the maximum width of columns in the journal. If necessary, the publisher may reduce the size of particular graphs, schematics, spectra for publication as appropriate. All letters and numbers in figures at the actual size should be at least 3 mm in height. Care should be taken in the use of computer-generated figures in that they often contain extraneous information or do not write exponents, subscripts, formulas, or symbols correctly (e.g., CR2O3 for chromium oxide on a figure is not acceptable). For micrographs, a scale bar (sometimes called a micron marker) must be placed on the micrograph. Figure captions must be provided on a separate page.

### **Quote from the NIMB 2009 Editorial**

'We encourage authors and reviewers to make stronger efforts to ensure that reference lists in submitted manuscripts are sufficiently complete. Not only is complete referencing important for setting priorities, but now that statistics based on referencing are increasingly being taken into account for the decisions of science administrators and fund-granting bodies, you do the journal, the field of beam-matter interactions and yourself a common service through being very meticulous in fully citing all the relevant references, be they in NIMB or other journals.'

Correct acknowledgement of effort is also important when considering authorship. We remind you that all significant contributors to the work should be included as authors, and it is important that all authors listed on submitted manuscripts have in fact contributed significantly to the work, and have given approval for their authorship prior to submission. It is important to note that responsibility for the content of a manuscript is shared jointly and equally by all the co-authors.

In 2009 we intend to make stronger efforts to ensure that whenever significant results from calculation by a computer program are given, the name and version of the code, and the origin of underlying data such as stopping powers or cross sections are given in sufficient detail to enable an independent check of the calculation. Authors and reviewers are encouraged to pay particular attention to reporting this aspect of methodology.'