

AUTHOR'S GUIDE FOR MANUSCRIPT PREPARATION

Oct.27th 2023 added: **Manuscripts should include at least 30 references. See 'References' section below.**

These instructions have been written specifically for the authors of manuscripts to be submitted for publication in the NIMB Special Issue devoted to the 26th International Conference on Ion Beam Analysis – IBA-2023 and the 18th International Conference on Particle Induced X-ray Emission – PIXE-2023, held in Toyama, Japan, from 7 to 13 October 2023. The submission procedures may differ slightly from those for authors of regular papers in "Beam Interactions with Materials and Atoms - Nuclear Instruments and Methods in Physics Research, Section B" (NIMB).

Types of contributions

- Contributed papers
- Invited papers

Submission of contributions

Authors shall submit their papers using the Elsevier Editorial Manager system (EM):

https://www2.cloud.editorialmanager.com/nimb_proceedings/

After accessing EM follow the link '**Submit a Manuscript**'. If you are a registered user enter your username and password, otherwise follow the link '**Register Now**' and fill in the registration form. After you have registered, follow '**Submit New Manuscript**'.

When asked for the 'Article Type', please be sure to select 'VSI: IBA&PIXE2023' from the list shown below.

In submitting a manuscript for publication in the Special Issue, the author states: (i) the manuscript has not been published previously, (ii) it is not being simultaneously considered for publication elsewhere and, (iii) the authors have obtained the necessary authority for publication. For example, if you need to show any figures taken from the article in Physical Review A, use "Reuse & Permissions" button on the web page of the article. Even if you are one of the authors of the article, you must obtain the approval from the publisher of the journal.

Deadline for receipt of manuscripts to be considered for the IBA&PIXE2023 conference Special Issue: ~~January 7, 2024~~
February 5, 2024. Late papers will not be accepted.

Instructions to authors for manuscript preparation

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 English speaking colleagues (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 standard size such as A4 or US Letter, with 3.0 cm margin on the left and 2.0 cm margins on top, bottom and right.

Lines should not be numbered. **Do not use templates or style sheets imitating final journal styles.** The number of total pages in the printed style should be 3-6 pages. More than 3 pages are recommended to maintain good scientific quality. Manuscripts that increase in length by one additional page in the publication process are acceptable.

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

1. 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 the abstract may extend onto a second page if necessary but should be limited to about 300 words).
2. Text, double-spaced, which will generally consist of sections such as Introduction, Experimental, Methods, Results, Discussion, Conclusions.
3. List of references
4. Tables (caption above each table)
5. Figures with captions below.

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, Gr) while the dimension of fluence is particles/area (most often cm⁻²).

References

(Oct.27th 2023 added) Sufficient reference to relevant literature is required for all articles. Authors of IBA&PIXE2023 Proceedings manuscripts to be published in the NIMB Special Issue are also expected to comply.

Please include at least 30 references.

The text of the reference list is not counted as manuscript pages.

The references should be numbered consecutively throughout the text and should be collected in a reference list at the end of the paper. Authors should ensure that every reference appearing in the text is included 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 examples illustrate the reference style 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. Zanichchi, 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 articles 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.*, etc. is not permitted. The author list of references for which there are more than ten authors may be abbreviated to "Author1, Author2 ... Author10, et al." Abbreviations for the titles of journals should follow the system used by the Chemical Abstracts Service Source Index and Supplements.

We encourage authors and reviewers to make strong 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 considered in 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 meticulous in fully citing all the relevant references, be they in NIMB or other journals.

Tables

Tables 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 labelled 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.

Version of applied code

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.'

Acknowledgement

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.

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.

The corresponding authors will be notified about final acceptance or rejection of their respective papers.

Publishing Procedure

Page proofs Page proofs are sent out by the Publisher to the Author in order to check that no undetected errors have arisen in the typesetting or file conversion process. Only typesetting and minor language errors such as spelling mistakes may be corrected in the proofs. No substantive changes in, or additions to, the accepted paper will be accepted.