Guidelines for Preparation of Manuscripts for JNMM Publication

1. All papers should include:
   a. An abstract
   b. An introduction
   c. A description of the work
   d. Results from measurements/simulations/analyses & Discussion
   e. A conclusion or summary
   f. References
   g. A list of keywords
   h. Required by JNMM, a short bio and current interests (photo optional)

2. The abstract should include the key points of the introduction, such as relevance of work, and what is new. It should also include the key findings or conclusions.

3. An introduction should provide the context for why what has been done is important/relevant and contain a sufficient review of prior related work particularly from the perspective of what prior work the current work is built on. It should also include a brief description of alternative approaches, if any, and why they were not chosen for this work. Finally, the introduction should conclude with a brief summary of what the paper is going to show and conclude.

4. For an experimental paper, the description of the work should include the experimental setup, and its validity to provide the results the work is seeking to obtain. If new equations have been derived to interpret the data, the description of the work is an appropriate place to include them.

5. For a theoretical or a modeling paper, the description of the work should include the basic theory or model that is used and why. If a new model has been developed, instead of just an existing modeling tool (e.g., MCNP), the new model should be described in sufficient detail for a practitioner in the field to be able to duplicate the modeling results.

6. For experimental papers, the results from the measurements should include both numerical and graphical representations of the results. Such results should include estimates of the uncertainties of each result as much as possible.

7. For modeling, or theoretical papers, the results should include the modeling results (calculations), or derivations of equations as appropriate. For both types of papers, a discussion comparing the results to prior work is very appropriate.

8. The conclusion should include a repeat of what the introduction ended with and then the conclusion that the results or modeling, or calculations show.
9. All references must have a link in the body of the paper. This is particularly important for any assertions made about prior work. As each reference is needed, many publications require them to numeric links. The references at the end should be in the same order. It is permissible to use a reference more than once. However, the additional references should not be given new numeric references. Some publications use the lead authors name and the year of the publication as the reference in the text. The JNMM wants the references ad numerical links. The text of the reference in the reference list must be sufficiently detailed for the reader of the paper to be able to locate it and obtain a copy if needed.

10. The short biography should be no more than about 100 words.

11. Other housekeeping matters
   a. Figures and tables must be placed at the relevant places along with the text in order to preserve the flow of the article. Each figure and table should have a succinct caption that explain it. Each figure or table must also be referenced in the body of the paper with a more detailed description of what it represents beyond what can be captured in a caption.
   b. Papers should cover all relevant aspects of the work in a concise and intelligible form. For non-English speakers we encourage authors to have their papers reviewed by a technical editor if needed to ensure that the manuscript is free of grammatical and typographical errors.
   c. All text, graphics, tables, graphs, photographs, and other images must be the authors’ original work, not published elsewhere.