

AUTHOR'S INSTRUCTIONS FOR PAPERS TO BE SUBMITTED AT THE 1998 IEEE NUCLEAR SCIENCE SYMPOSIUM AND MEDICAL IMAGING CONFERENCE

The 1998 Nuclear Science Symposium (NSS) and Medical Imaging Conference (MIC) will result in two publications. One will be a **Conference Record**. The other will be the **TNS Conference Issue** of the *IEEE Transactions on Nuclear Science* (TNS), which is a peer-reviewed, archival journal.

The **TNS Conference Issue** will contain refereed papers from the NSS and MIC. (Authors should consider whether their MIC paper is better suited for publication in the *IEEE Transactions on Medical Imaging* (TMI) than the Conference Issue of the TNS. Instructions below indicate how to submit papers to both IEEE Transactions.)

Authors seeking publication in both the Conference Record and the TNS Conference Issue must submit their papers separately. Procedures for submitting manuscripts for the Conference Record or the TNS Conference Issue are described below as are procedures for submitting papers to the *IEEE Transactions on Medical Imaging* (TMI). Authors are requested to access URL: http://www-tns.fnal.gov/ieee_tns/ for this and other author paper submission and preparation information.

Conference Record

The Conference Record provides timely publication of all papers presented and submitted for publication at the Nuclear Science Symposium (NSS) and Medical Imaging Conference (MIC). The papers will receive no peer review and only a cursory editorial check. The Conference Record will be published electronically as a CD-ROM and every NSS/MIC registrant will receive a copy. Additional copies of the Conference Record can be ordered at the Symposium registration area.

All contributors for both oral and poster sessions are invited to submit a paper to the Conference Record. If your paper is not received before the end of the meeting, only the title and abstract (as originally submitted to the Program Committee) will be published.

Since the Conference Record is not a refereed publication, please consider submitting your work also to the *IEEE Transactions of Nuclear Science* or the *IEEE Transactions on Medical Imaging*, as appropriate. The Conference Record version will not include changes made during the review for Transactions.

Transactions on Nuclear Science, Conference Issue

All papers presented at the NSS and MIC are eligible for publication in the Conference Record. However, authors are encouraged to submit a manuscript for consideration for the Conference Issue of the *IEEE Transactions on Nuclear Science* if they feel their paper contains information of significant and lasting value (in contrast to a progress report, for example) and merits publication in an archival journal.

To be published in the TNS Conference Issue a manuscript:

- 1) Must be submitted by the author(s) specifically for consideration for TNS;
- 2) Must contain technical material of significant and lasting value; and
- 3) Must satisfy a peer review process typical for archival journals.

The TNS Conference Editor will conduct the peer review procedure for your manuscript. You will be notified of the results of the peer review.

The Conference Issue of the *IEEE Transactions on Nuclear Science* will be sent to each 1998 NSS/MIC registrant and to each subscriber to the journal. Subscribers include many members of the IEEE Nuclear and Plasma Sciences Society, libraries, and others.

Although the TNS does not impose a specific limit on the number of pages, the length of the manuscript must be commensurate with the amount of information conveyed. Most papers will be five pages or less in length; a paper of more than eight pages is very uncommon, but can be justified in rare cases. Although the same manuscript may be submitted to both the Conference Record and TNS, authors are encouraged to prepare a more complete version of their work for TNS.

Transactions on Medical Imaging

The IEEE TMI seeks two types of submissions: papers and correspondences. Typically, correspondences are short publications (three printed pages or less, a printed page is approximately three double-spaced typed pages) for the purpose of rapid dissemination of results. Correspondences will be reviewed on a "fast track" and will be published in the next available issue of the TMI.

How to Prepare Your Manuscript

General Information: Manuscripts (for both the Conference Record and the Transactions Conference Issue) must be prepared in accordance with the format specifications in "ConfTNS-1c: Instructions for Authors of Papers Submitted for Publication in a Conference Issue of the *IEEE Transactions on Nuclear Science*". A copy of these instructions can be obtained at URL: http://www-tns.fnal.gov/ieee_tns/. Manuscripts must be in camera-ready format. Also enclosed are settings for five popular word processors that will produce manuscripts in this format. The enclosed template may be used to check conformity with margin requirements. Manuscripts must not be stapled or double-sided. If you number the pages, only do so with a light blue pencil.

Conference Record: Page limit guidelines for the Conference Record are the same as for the TNS Conference Issue.

TNS Conference Issue: TNS Conference Issue manuscripts are limited to no more than eight pages except in very rare instances.

TMI: Papers are to follow the format of submission rules that appear on the inside back cover of each issue of IEEE TMI. An electronic version of an accepted paper is required; however, a submission should not be accompanied by an electronic version since there may be some changes between the submitted and the accepted manuscripts.

How to Submit Your Manuscript

Conference Record: Three copies of each manuscript submitted for the Conference Record should be given to the Guest Editor at the conference or mailed to him (see address below) **no later than the last day of the conference, Saturday, November 14th**. Absolutely no manuscripts for the Conference Record will be accepted after this date unless the corresponding author has received prior approval by the Guest Editor. E-mail correspondence prior to the conference is recommended. A signed IEEE Copyright (release) Form must also be submitted with your manuscript. The location of the Guest Editor's office will be posted in the conference registration area. **In addition, all Conference Record papers must be submitted electronically.** Instructions on how to prepare the electronic version of the paper and submit it to the conference FTP site can be obtained at either at the 1998 NSS/MIC URL: <http://www.nss98.bnl.gov/> or at URL: <http://www-ese.fnal.gov/ieeetns/confedit/authtbl.htm>. Please retain a copy of your manuscript for your own records. Inquiries concerning the Conference Record should be directed to the Guest Editor as follows:

<i>Rengarajan Sudharsanan (Sudhan)</i>	<i>Phone: (781) 275-6000 Ext. 274</i>
<i>Guest Editor, 1998 NSS/MIC</i>	<i>FAX: (781) 275-7470</i>
<i>Spire Corporation</i>	<i>E-mail: sudhan@spirecorp.com</i>
<i>One Patriots Park</i>	
<i>Bedford, MA 01730</i>	

TNS Conference Issues: Four copies of each manuscript (one unstapled and a camera-ready copy) submitted for consideration for the TNS Conference Issue should be sent to the TNS Conference Editor or submitted to him at the conference (NSS Conference Editor for NSS papers and MIC Conference Editor for MIC papers) together with a signed IEEE copyright release form and a completed Corresponding Author Information Sheet.

Cut-off date for NSS papers: All NSS manuscripts must be received by the NSS Conference Editor no later than the last day of the conference, Saturday, November 14th, 1998. Absolutely no NSS manuscripts will be accepted for review after this date unless the corresponding author has received prior approval by the NSS TNS Conference Editor. E-mail correspondence prior to the conference is recommended.

Cut-off date for MIC papers: All MIC manuscripts must be received by the MIC Conference Editor no later than the last day of the conference, Saturday, November 14th, 1998. Absolutely no MIC manuscripts will be accepted for review after this date unless the corresponding author has received prior approval by the MIC Conference Editor. E-mail correspondence prior to the conference is recommended.

To expedite the review process, authors are encouraged to express mail their manuscripts and other required documents to the proper Conference Editor prior to the conference. Authors may also submit their manuscripts, etc. at the Guest Editor's office at the symposium. **Be sure to include a signed IEEE Copyright (release) Forms with each manuscript submission.** Also be sure to fill out and include the Corresponding Author's Information Sheet included in this packet. A letter of acknowledgment will be sent within two weeks of receipt of your manuscript. Keep extra copies of original figures as most probably there will be some changes requested to your manuscript.

Inquiries regarding and submissions of NSS papers for the TNS Conference Issue should be directed to:

<i>Ed Barsotti</i>	<i>Phone: (630) 879-1245</i>
<i>(NSS) Conference Editor, TNS</i>	<i>FAX: (630) 406-9735</i>
<i>37W948 Tanglewood Dr.</i>	<i>E-mail: confedit@fnal.gov</i>
<i>Batavia, IL 60510 USA</i>	

Inquiries regarding and submissions of MIC papers for the TNS Conference Issue should be directed to:

<i>Prof. Edward J. Hoffman</i>	<i>Phone: (310) 825-8851</i>
<i>(MIC) Conference Editor, TNS</i>	<i>FAX: (310) 825-4517</i>
<i>UCLA School of Medicine</i>	<i>E-mail: ieee_ejh@mail.nuc.ucla.edu</i>
<i>10833 Le Conte Ave.</i>	
<i>B2-086 CHS</i>	
<i>Los Angeles, CA 90095-6948 USA</i>	

TMI: Five unstapled copies of each paper are to be submitted; three copies for reviewers and two copies for administrative use. A signed IEEE Copyright (release) Form must also be submitted with your manuscript. In addition, a signed and dated copyright form is required, along with a card with information on the corresponding author and a list of four keywords (or phrases). A cover letter should accompany the paper which should contain a paragraph stating the following: "I certify that the contents of this paper do not overlap in any way with the contents of any other papers that have been submitted or will be submitted to an archival scientific journal [, except for the following: ...]. In particular [, except for the following: ...], all illustrations contained in this paper are used only in this paper. Furthermore, I accept the responsibility of paying the compulsory page charge for every printed page, or part of a page, after the first eight in the published version of the paper." All submissions must be received by the TMI Conference Editor no later than Monday, January 5, 1999. They may be sent by mail to the address below or may be submitted during the NSS/MIC at the Guest Editor's office near the registration area.

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