

## 2015 IEEE TNS Special Issue

A special issue of the IEEE Transactions on Nuclear Science (TNS) is planned to commemorate the 50th anniversary of the original Particle Accelerator Conference originally launched by the IEEE in 1965.

Presently the conference is hosted on a rotating cycle between the Americas, Europe, and Asia. When conference is held in the Americas, the conference is jointly sponsored between the IEEE NPSS and the American Physical Society's Division of the Physics of Beams.

In 2015, the 50<sup>th</sup> Anniversary of the first conference will be hosted by the Thomas Jefferson National Accelerator Facility and will be held in Richmond Virginia.

TNS is an archival journal with an impact factor of nearly 1.5. Further, if your paper is accepted, it will rapidly be posted on the early access area of TNS on IEEE Xplore. Thus it will be available and citable in advance of the final electronic or print versions.

Below are all of the details you will need to submit a paper to TNS.

We look forward to seeing your papers to commemorate the 50th Anniversary of PAC!

Paul Dressendorfer  
Editor in Chief Transactions on Nuclear Science

### **Instructions for TNS:**

**AUTHOR SUBMISSION PROCESS** For manuscripts to be considered for publication in the IEEE Transactions on Nuclear Science, they should report original and new results, applications, or developments of interest and of general applicability. The manuscript must provide introductory material and context for the work. It must be clear what is new in the work, how it relates to other work in the field, and how it advances the state of the art. Related work must be referenced appropriately. A complete description of the work performed must be provided. Models should be verified by data or some other means. There must be an analysis of data that provides conclusions that are general beyond the specific devices or system studied. The information provided must be sufficient for others to make use of the approach, results, etc. so that the impact is not limited to the particular system or application used in the manuscript. Overall the work needs to be of an archival nature (e.g., not only test results on a part that will be obsolete in a couple of years, or analysis of a particular design without illustration of generally applicable principles, or description of the characteristics of a particular test facility, etc.) All papers

submitted for review for possible publication in the TNS will receive a detailed review by typically at least three reviewers who will consider these and other factors. To submit your paper for possible publication in TNS, you must upload your paper at the TNS Manuscript Central web site at <http://mc.manuscriptcentral.com/tns-ieee>. You will need to login to your account. If you are not sure whether you have an account on the system, click the "check for existing account" button and follow the instructions. If you do not have an account, you should click the "create a new account" button and follow those instructions.

**1. Submission of the first draft of the manuscript:** This upload must be completed at the Manuscript Central web site before **midnight Eastern Standard Time, May 11, 2015** for consideration for publication in the TNS Special Issue. Go to "Author Center" and select "Click here to submit a new manuscript." You will be asked to fill in some details on your paper. Under "manuscript type", select "IPAC 2015." This is important to ensure the paper will be published in the Special Issue devoted to PAC. Enter the paper title and abstract as requested. Click on "save and continue" and continue to fill in the details as requested. When submitting the paper, **please use a pdf version of the paper.**

- Your manuscript cannot be longer than 8 pages **as it would appear in the journal** (figures embedded, two column format, etc.)
- Because of this length requirement, all authors are required to format their paper **from the beginning** as it would appear in TNS.
- Microsoft Word and Latex templates can be found on the [IEEE Manuscript Central web site](#) if desired. Login and then click on "Instructions and Forms" followed by "IEEE Publication Tools for Authors."

**2. Submission of the revised version(s) of the manuscript:**

Your revised manuscript (based on reviewers comments) will be uploaded in the same manner as the original manuscript.

**3. Upon final paper acceptance:**

You will use the TNS Manuscript Central web site to upload all materials for publication. Camera-ready pdf submissions are **not** acceptable for the final manuscript submission. Instructions for uploading final papers will be included in the final accept letter of notification.

## **Paper Deadlines:**

### DEADLINES FOR THE SPECIAL ISSUE

Papers being accepted from	November 3, 2014
Initial paper submission due	May 11, 2015 (firm)
Reviewers' comments due	June 15, 2015
Revised paper submission due	August 5, 2015

Round 2 of reviewers' comments due September 5, 2015  
Final electronic submission of all manuscript materials (text and figures) due  
October 11, 2015 (no exceptions)

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