

Call for Papers

for a special issue of *Microelectronic Engineering*

Micro/Nano devices and systems

Short title: μ nDev&Sys 2015

including selected papers of the 41st Micro and Nano Engineering Conference *MNE 2015* and of the joint event of 6th *Micro&Nano 2015* Conference with the 11th International Symposium on Test and Measurements *ISTM 2015*

The aim of this special issue is to bring together recent advances in Micro- and Nano-Devices and systems. This issue is 'open call'. This means that, while mainly including selected papers presented at MNE 2015 and Micro & Nano 2105, it is also open to other authors. The MNE conference series focuses on micro- & nanofabrication and manufacturing using lithography and other approaches related to micro- and nano-patterning, as well as the application of micro- and nanostructures and devices in electronics, photonics, electromechanics, environment, life sciences and biology. The areas of particular interest for this special issue are:

Micro/Nano devices and systems for applications and research outside bio/life sciences

- **MEMS / NEMS:** RF-MEMS, MOEMS, sensors, actuators, surface- and bulk-micromachining, timekeeping devices, energy harvesters, reliability and wear of MEMS.
- **System design**
- **Micro/Nano devices for physical science:** nanoelectronics, single electron transistor devices, quantum computer, photonic and plasmonic devices, 'more-than-Moore' devices.
- **Data storage:** magnetic devices, optical storage.
- **Packaging technology:** materials, testing, reliability, modelling
- **Applications**

Manuscript submission deadline is 23 October 2015

Manuscripts of the special issues will be submitted and reviewed via the online Elsevier Editorial System (EES). After acceptance, articles will be processed and published with the standard Elsevier publishing timeline for each individual manuscript. Please submit manuscripts directly via the [MEE journal submission web page](#) and *select the appropriate special issue*. The submission opens on 22 September 2015.

Guest Editors

Remco J. Wiegink (University of Twente, The Netherlands)

Dimitris Tsoukalas (National Technical University of Athens, Greece)

Urs Staufer (Delft University of Technology, The Netherlands)

Instructions for authors

- The standard submitted manuscripts are regular MEE publications (4-6 pages of final print).
- Review papers (7-10 pages) are encouraged from invited/plenary MNE speakers and leading members of the community. If you are not an MNE invited speaker and you wish to submit a review, contact [Evangelos Gogolides](#) (Editor-in-Chief, *Microelectronic Engineering*) or one of the Guest Editors with a proposal and outline.
- Highly novel work can be submitted as an *accelerated* publication (up to 4 pages) and will be given high priority.
- For all publications, we encourage you to include supplementary data and audio/video abstracts.
- For general enquiries, contact [Luigi Sasso](#), MNE Program Co-Chair.
- Please select the file type (regular paper, review paper, etc.) and choose the name of the special issue: **μ nDev&Sys 2015**.

Your paper and associated supplementary information should comprise a complete, novel and full description of your work. Make sure that your paper is well-written, and supply additional information, videos, audios, etc. as on-line supplementary material to appear on the web, but not in the printed version (see instructions for authors). Your supplementary material will be available directly from ScienceDirect or Scopus.

Please note that the special issue manuscripts undergo the same high-standard review process as any other MEE manuscript. At least two reviews need to be in agreement per paper before decision, and the typical rejection rate is 50-60%. Therefore, make sure that both the technical content, and your presentation style and language, is of high quality, novel, unpublished, and not being submitted elsewhere. Please check also the [author guidelines](#).