Call for Papers

Special section on Progress towards System Nanotechnology

The IEICE Transactions on Electronics announces a forthcoming special section on Progress towards System Nanotechnology to be published in March 2016.

Nanotechnology has been applying widely to various fields such as electronics, photonics, mechatronics and bionics, as the core technology which promotes the 21st century innovation. Fusion of nanotechnology to the various fields exceeding the bounds of conventional thinking has brought innovative materials and devices as well as new functional expression. Furthermore, in accordance with progress of nanotechnology, the importance in the green and life innovation is growing bigger and bigger. From this prospect, construction of nanosystems to integrate the novel function has been strongly required. Hence, a special section is planned to overlook the progress of nanotechnology and to stimulate R&D activities on the nanosystems. Many submissions are cordially encouraged.

The topics of interests include the followings, but not limited to:

**Nanomaterials**: Nanostructured Materials, Nano-particles and Nano-molecules
**Nanoprocesses**: Self-assembly, Nano lithography, Nanoimprint, and 3D Additive manufacturing
**Nanophotonics**: Nanophotonics, Plasmonics, Meta-materials and the related devices and systems
**Nanomechatronics**: MEMS, NEMS, micro-TAS, and Opto-mechatronic devices and systems
**Nanobionics**: Biochips, Genome and biological molecule functional analysis devices and systems

Submission Instructions

The deadline for submission is extended to July 14, 2015. This special section will accept only PAPERs and BRIEF PAPERs by electronic submission. Manuscripts should be prepared according to the guideline in the "Information for Authors". The latest version is available at http://www.ieice.org/eng/shiori/mokuji_es.html. A PAPER and a BRIEF PAPER should be within 8 and 4 printed pages, respectively.

Submit a paper using the IEICE Web site https://review.ieice.org/regist/regist_baseinfo_e.aspx. Authors should choose the [Special-SY] Progress towards System Nanotechnology as the "Journal/ Section" on the online screen. Do not choose [Regular-EC].

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