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IEEE Transactions on Nanotechnology
Special Section/Issue on the

3rd International Conference on Devices, Circuit and Systems (ICDCS'16)

Extensive research on nanomaterials has unveiled many interesting and promising properties for novel applications in electronics, photonics, and biology. For benefiting of such discoveries, it is necessary to fully integrate devices, circuits and systems with applications. This special issue of the IEEE Transactions on Nanotechnology will consider multi-disciplinary papers combining research in device/circuit design, processing, modelling, fabrication, characterization, and pertinent applications. Topics for this Special Issue are, but not limited to:

MOS devices and Device Physics	Application of Nano tubes, Nanowires, and Graphene
Advanced Memory Technology	Photovoltaics & Power Semiconductor Devices
Advanced Circuit and Systems	Speech, Image and Data Processing in Nano-systems
Photonic Devices and Optoelectronic Integration	Crypto Systems
Organic Materials Science, Device Physics, and Applications	MIMO Systems
Spintronics Materials and Devices	Bio Nano Devices

Extended versions of accepted and presented papers at ICDCS'16 (<http://www.karunya.edu/ece/icdcs16/>) are encouraged for submission, but they will still undergo a full peer review process; authors are requested to expand the conference version to contain substantial new technical material and originality due to the competitive acceptance process. All manuscripts must be submitted on-line using the IEEE TNANO manuscript template and *Information for Authors*, via the *IEEE Manuscript Central™* found at <https://mc.manuscriptcentral.com/tnano>. On submission, authors must select the “*Special Issue*” manuscript type instead of “Regular Paper.” Manuscripts must focus on nanotechnology as reflected by technical content and references.

<u>Deadlines:</u>	Manuscript Submission:	July 15, 2016
	First decision to authors:	Sep 15, 2016
	Revision due:	Nov 1, 2016
	Final notification (acceptance/rejection):	Dec 1, 2016
	Final manuscripts due:	Jan 15, 2017
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