

The **emphasis** of this conference will be on fusions of several different fields and applications of nanoelectronics from design, modeling and fabrication to characterizations and metrology. The conference will also address the education and commercialization of Nanoelectronics. It will feature Plenary, Invited, and Contributed papers (oral and poster sessions), thematically arranged. Contributed papers are welcome in the following and related topics:

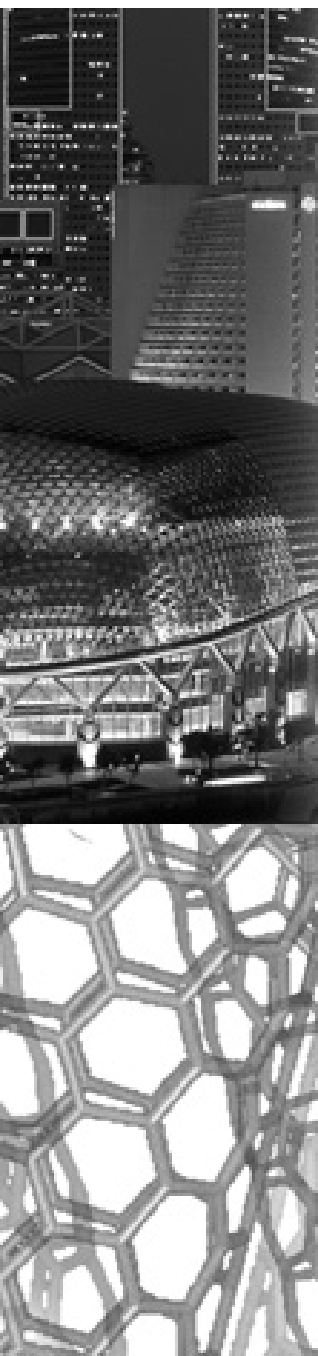
- 1-D Nanostructures
 - Carbon Nanotubes
 - Semiconductor Nanowire
- Nanomagnetism & Spintronics
- Nanodevices & Systems
- Nanometrology
- Nanomaterials & Nanocrystals
- MEMS & NEMS
- Nanofabrication
 - Nanolithography
 - Nanopatterning
 - Ultra-precision Machining
 - Focused ion Beam Techniques
 - Nanoimprinting
 - SPM Techniques
- Nanoscale Device Modeling & Computational Nanoelectronics
- Nanophotonics
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 - Chemical sensors
 - Bio-sensors
- Nanoelectronics Education
- Nano-Entrepreneurship



**Abstract and Manuscript
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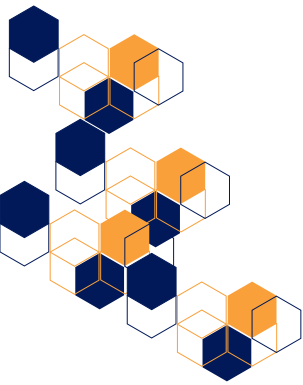
Abstracts Due: June 30, 2005
Submit online at www.ieeecet.org

Camera ready manuscripts
Due: September 30, 2005
No. of pages: 6 max
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NanoSingapore 2006: IEEE Conference on Emerging Technology - Nanoelectronics

10 - 13 January, Singapore



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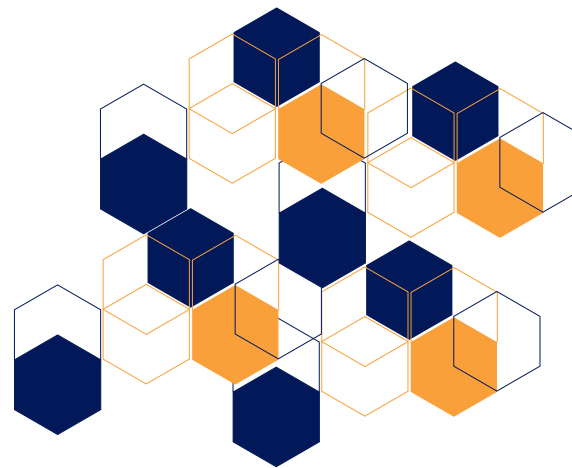
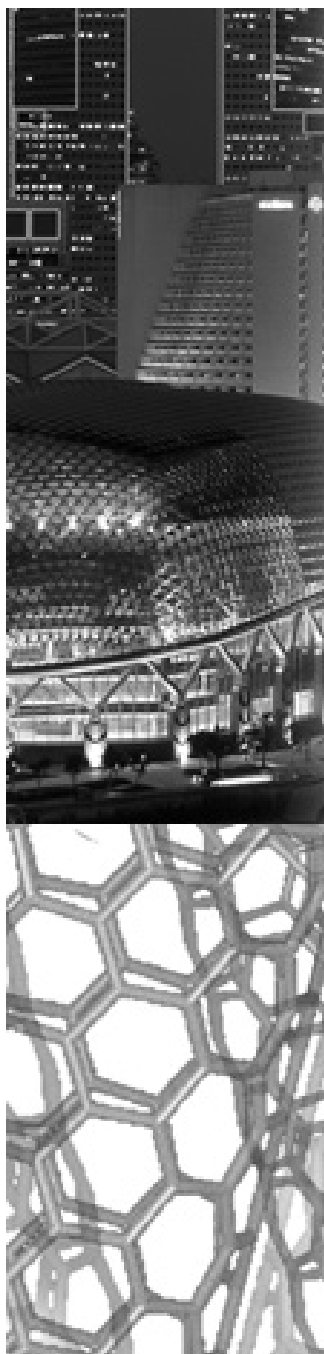
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