



# Nano and Giga Challenges in Microelectronics Research and Opportunities in Russia Summer School and Symposium

St. Petersburg, September 13-17, 2004

Microelectronics technologies have reached a new stage in their development: the ultimate miniaturization of electronic devices is approaching atomic dimensions, the interconnect bottleneck is posing to limit circuit speeds, new materials are being introduced into microelectronic manufacture at an unprecedented rate, and alternative technologies to mainstream CMOS are being considered. As a marriage of the today's micro-, tomorrow's nano- and future molecular electronics the series of conferences on Nano and Giga Challenges in Microelectronics (NGCM) is being launched. Following the first successful Summer School and Symposium in Moscow (NGCM2002) the second biennial meeting will be held in St Petersburg in 2004 hosted by Ioffe Physico-Technical Institute.

<http://www.atomicscaledesign.net/ngcm2004>  
<http://www.ioffe.ru/ngcm/>

**For preliminary registration visit our meeting web site or fill in and mail the following form:**

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