



Nano and Giga Challenges in  
Electronics, Photonics and  
Renewable Energy

Current Trends in  
Radiophysics



Symposium and Summer School (Tutorial Lectures)  
Tomsk, Russia, September 18-22, 2017  
[nanoandgiga.com/ngc2017](http://nanoandgiga.com/ngc2017)

The NGC/CTRTP 2017 conference in Tomsk, Russia is an interdisciplinary forum in education, research and technology innovations in the development of new materials, devices and systems invites academic and industrial researchers to present tutorial and original research papers dedicated to solving scientific and technological problems in the following areas of electronics, photonics and renewable energy: atomic scale materials design, bio- and molecular electronics, high frequency electronics, fabrication of nanodevices, magnetic materials and spintronics, materials and processes for integrated and subwave optoelectronics, nanoCMOS, new materials for FETs and other devices, nanoelectronics system architecture, nano optics and lasers, non-silicon materials and devices, chemical and biosensors, quantum effects in devices, nano science and technology applications in development of novel solar energy devices, and fuel cells and batteries. We also invite inventors, entrepreneurs and business leaders to explore the unique opportunity provided by our interdisciplinary forum for technical due diligence and potential commercialization of emerging new technologies.

Hosted by Tomsk State University the NGC/CTRTP 2017 meeting will be held as a joint event of two conference series, Nano & Giga Challenges (Nano & Giga Forum) and Current Trends in Radiophysics, and will bring together the networks and expertise of both professional forums. The joint conference will be held as the 7th meeting for both forums. Nano and Giga forum has been established in 2002 and had its 1st and 5th meetings held in Moscow, Russia, 2nd in Krakow, Poland (3rd and 6th in Phoenix, USA), and 4th in Hamilton, Canada as a joint meeting with 14th Canadian Semiconductor Technologies Conference. CTRTP conference series has been established in 2005 as an international forum in radiophysics hosted by Tomsk State University.

NGC/CTRTP 2017 conference will include the school (tutorial lectures), symposium and satellite workshops on innovations, on digital design and computer architecture, and on computational design of materials and devices. Our conferences have a high impact through publication of tutorial books and selected peer reviewed papers in reputable international journals. Our meetings are attended by world renowned experts and young talents alike. Sponsors and exhibitors are welcome and will be supported by the organizers in their needs for networking and marketing of their products and organizations.

For information and registration, please, visit our web site or contact us by email at  
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**<http://nanoandgiga.com/ngc2017/>**