

About speaker:

Dr. Zhong Lin (ZL) Wang is the Founding Director and Chief Scientist at Beijing Institute of Nanoenergy and Nanosystems, Chinese Academy of Sciences, and Hightower Chair in Materials Science and Engineering and Regents' Professor at Georgia Tech. Dr. Wang has made original and innovative contributions to the synthesis, discovery, characterization and understanding of fundamental physical properties of oxide nanobelts and nanowires, as well as applications of nanowires in energy sciences, electronics, optoelectronics and biological science. His discovery and breakthroughs in developing nanogenerators establish the principle and technological road map for harvesting mechanical energy from environment and biological systems for powering a personal electronics. His research on self-powered nanosystems has inspired the worldwide effort in academia and industry for studying energy for micro-nano-systems. He coined and pioneered the field of piezotronics and piezo-phototronics. Dr. Wang was elected as a foreign member of the Chinese Academy of Sciences in 2009, member of European Academy of Sciences in 2002, fellow of American Physical Society in 2005, fellow of AAAS in 2006, fellow of Materials Research Society in 2008, fellow of Microscopy Society of America in 2010, fellow of Royal Society of Chemistry, and fellow of the World Innovation Foundation in 2002. He received 2016 Distinguished Scientist Award from (US) Southeastern Universities Research Association, 2015 Thomas Routers Citation Laureate award, 2014 World Technology Prize in Materials; 2014 the James C. McGroddy Prize for New Materials from America Physical Society, 2011 MRS Medal from the Materials Research Society, 1999 Burton Medal from Microscopy Society of America. He has authored over **1200** peer reviewed journal articles (**16** in *Nature* and *Science*, **25** in *Nature and Science family journals*). From SCI data base, his entire publications have been cited for over **130,000** times with an h-index of **178**. Wang is ranked **No. 1** in Google Scholar public profiles in Nanotechnology & Nanoscience both in total citations and h-index impacts: <http://www.webometrics.info/en/node/198>. Details can be found at: <http://www.nanoscience.gatech.edu>