

Vladimir Sivakov

Vladimir Sivakov is a senior researcher and head of Silicon Nanostructures group at Leibniz Institute of Photonic Technology in Jena/Germany. His research focus is related to the nanoscaled silicon and functional materials for the green energy, (bio)sensorics and nanomedice applications. Vladimir has long-term expertise in thin films technology (top-down and bottom-up), nanophysics, surface functionalization, biophotonics, Raman scattering and electron microscopy. Vladimir has significant expertise in surface sensitive analytics using synchrotron radiation facilities (XPS, PEEM, XANES/NEXAFS) at European Synchrotrons in Germany/BESSY II, England/Diamond Light and Italy/Elettra. He received Bachelor and Master Degrees in Chemistry from Vilnius University in Lithuania in 1998 and 2000, respectively. He completed PhD Thesis under supervision of Prof. Michael Veith and Prof. Sanjay Mathur at Saarland University in 2004. During the PostDoc Vladimir worked at Leibniz Institute of New Materials in Saarbrücken and Max Planck Institute of Microstructure Physics in Halle/Saale under mentoring of Prof. Ulrich Gösele and Prof. Silke Christiansen. Since August 2008 he is a head of Silicon Nanostructures Group at Leibniz Institute of Photonic Technology in Jena/Germany. Vladimir is an author of over 100 peer-reviewed paper with h-index of 35 (googlescholar). He coordinated over 10 national and European projects. He supervised 10 PhD students and over 25 Master/Bachelor Thesis. Dr. Sivakov is an expert at ERC fund, European Scientific Fund, Poland Research Council. Lithuanian Research Council, PhD Student Commission member in France, Germany, Finland, Lithuania, Romania, Israel. Vladimir is married, with 2 daughters (19 and 16 years old). Speaking: English, German, Russian, Lithuanian.