



Alexei V. Emeline

Alexei V. Emeline obtained his Ph.D. in Molecular Physics from the V.A. Fock Institute of Physics, Saint-Petersburg State University, Russia in 1995. In 1997 he won a two-year NATO Science Postdoctoral Fellowship to conduct research at Concordia University (Montreal, Canada) with Prof. N. Serpone; later was promoted Research Associate up to 2004. In 2005 and 2008 he won JSPS Fellowships to conduct studies at KAST (Japan) in Prof. A. Fujishima's laboratory and in 2006 and 2007 was a visiting researcher in the same laboratory. In 2009 he obtained his D.Sc. in Condensed Matter Physics. Currently, Alexei Emeline is Professor of Physics and Vice-director of the Resource Center "Nanophotonics" at Saint-Petersburg State University. His current research interests are in experimental and theoretical studies of factors affecting the activity and selectivity of photocatalysts, on the spectral sensitization of photoactive materials, on superhydrophilic property of metal oxide surfaces, on the development of self-cleaning and bactericidal photoactive coatings, and on the development of photoluminescent chemical sensors.