

Biosketch Dr. Eugene Goodilin

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Eugene Goodilin studied chemistry at Lomonosov Moscow State University, he received PhD in inorganic chemistry (1995) and Dr.Sci. habilitation in solid state chemistry (2003) in the same university, elected as a corresponding member of the Russian Academy of Sciences (2006). He studied superconducting materials in Wisconsin, USA (Applied superconductivity center, 1993), Tokyo, Japan (ISTEC and NEDO fellowships, 1996 - 1998) and in Aachen, Germany (Alexander von Humboldt fellowship, 2000 - 2001). Presently, professor Eugene Goodilin is involved in research and development in the field of nanochemistry and nanomaterials, alternative energetic and noninvasive optical analysis of intact cells and organelles as a chair of nanomaterials head, inorganic materials laboratory leader and a deputy Dean of the Faculty of Materials Science (MSU), supported basically by the Russian Science Foundation. Eugene Goodilin specializes in the preparation and implementation of nanostructured plasmonic noble metals and new generations of solar cell hybrid perovskite materials. Overall, 215 peer-reviewed publications, 9 patents, 1930 Web of Science citations and a life-time h-index of 22, 10 successfully defended PhD students, reading courses of General and Inorganic Chemistry, Modern Functional Materials and Nanomaterials, Real Structure and Defects in Solid State Materials.

Mentoring Topics: Solar cell nanomaterials
Nanostructured electrochemical systems
Plasmonic nanoparticles
Noninvasive optical diagnostics of intact cells and organelles

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