

Dr Jevgenij Chmeliov is an Associate Professor at the Institute of Chemical Physics of Vilnius University and a senior researcher at the Center for Physical Sciences and Technology. In 2015, he defended his dissertation "Excitation evolution and self-regulation ability of photosynthetic light-harvesting systems", which was honoured as the best doctoral dissertation defended in Lithuania in 2015 in the area of physical, technological, biomedical, and agricultural sciences. His research areas include: the development of the theoretical models describing light-induced excitation energy transfer, relaxation and charge carrier generation in various molecular systems – photosynthetic pigment-protein complexes, carbon nanotubes, perovskites, etc. Jevgenij Chmeliov constantly collaborates with research labs in the Netherlands, France, and the United Kingdom. So far, he has been a primary project implementer of five projects funded by the Research Council of Lithuania. The research results have been published in 31 scientific papers in the journals indexed by the Clarivate Analytics Web of Science database (including Nature Plants, Nature Communications, Journal of American Chemical Society, etc.) and in one chapter of an international monograph. He teaches a two-term course of Quantum Mechanics at the Faculty of Physics, Vilnius University, and together with co-authors has prepared an extensive (over 600 p.) student textbook "Quantum Physics", published by the Vilnius University Press in 2020. He is an active member of two (BSc and MSc) Study Programme Committees, a member of the Programme Committee of the Lithuanian Olympiads and Championships in Physics for secondary school students, a leader of the Lithuanian teams in the European (EuPhO) and International (IPhO) Physics Olympiads for secondary school students, and a member of the Academic Committee of the International Student Physics Olympiad IPhO 2021 to be held in Lithuania.