



Dr Gediminas Stankūnas has published over 110 articles in publications indexed in Clarivate Analytics WoS ($h = 21$) with foreign co-authors, one of which was published in the journal *Nature Physics* (citation index 22.6). He is member of the Young Academy of the Lithuanian Academy of Sciences. Dr Stankūnas has participated and made presentations at numerous prestigious international conferences: Fusion Energy Conference (FEC), International Symposium on Fusion Nuclear Technology (ISFNT), Symposium on Fusion Engineering (SOFE), and others. In 2015, his work in the field of nuclear fusion, neutronics, and radiation research won the Young Scientist Scholarship established by the Lithuanian Academy of Sciences. He was also recognized as the best young scientist of the Lithuanian Energy Institute (LEI) (2014). Gediminas Stankūnas has more than 13 years of scientific experience in the field of fusion physics and engineering where he performs neutron transfer modeling in nuclear facilities and analysis of results. He is a recipient of the World Energy Council Medal for his achievements in energy research. Dr Stankūnas is actively involved in the largest H2020 project EUROfusion (Implementation of activities described in the Roadmap to Fusion during Horizon 2020 through joint programme of the members of the EUROfusion consortium). The main areas of research include modelling of ionizing radiation shields and determining potential irradiation and dose rates in fusion reactors JET (Joint European Torus, UK) and DEMO (DEMONstration power plant). It also maps gamma- and neutron-induced doses in the environment of the nuclear unit DONES (DEMO Oriented Neutron Source), and identifies potential releases of radioactive particles into the environment. The LEI neutronics group, supervised by G.Stankūnas, performs calculations of decay heat, material activity and dose rate using MCNP, FISPACT, McDelicious and R2Smesh codes. Gediminas Stankūnas advises students and teaches the module “Nuclear and Particle Physics” at Kaunas University of technology, conducts seminars, and is a member of the dissertation defence council. His doctoral student has successfully defended dissertation on fusion.