

Nadezhda Bulgakova is the Leader of Research Program “Scientific Applications of Lasers” at the HiLASE Centre of the Institute of Physics CAS. She received her PhD and Doctor of Science (habilitation) degrees from the Russian Academy of Sciences. She has published more than 180 journal papers, conference proceedings and book chapters in English and Russian. Her research interests include processes in solid targets absorbing laser radiation, dynamics of plasma plumes during pulsed laser ablation of solids, and nanoparticle formation in free gaseous jets and laser-ablation plumes.