

## **Igor Morozov**

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Dr. Igor Morozov graduated from Moscow State University and received his PhD degree in 2004 in plasma physics in Russia. Since 2001 he has worked in the Joint Institute for High Temperatures of the Russian Academy of Sciences as a researcher and the head of laboratory. From 2004 to 2018, he also gave lectures at Moscow Institute of Physics and Technology and Higher School of Economics, Moscow; worked closely with the Institute of Physics, Rostock University, Germany; and visited Argonne National Lab, USA. Igor's area of competence is computer simulations of different plasmas, including nonideal plasma and warm dense matter. He is a co-author of a new computational algorithm based on the wave packet molecular dynamics. Since 2023, he has started his collaboration with HB11 Energy, an Australia-based startup aimed at facilitating green fusion technologies. In September 2004, he joined Macquarie University as a research fellow under the linkage project, still working at HB11 Energy as a consultant. At present, he conducts theoretical and computational studies of the potentiality of proton-boron fusion, working in close collaboration with researchers from Europe and the USA.