

Dr. George Stan

Dr. George Stan, age 36, PhD in Materials Engineering, is senior researcher rank II at National Institute of Materials Physics, Magurele-Ifov, Romania. He has an extensive experience in magnetron sputtering processes and coatings synthesis (especially biocompatible), as well as in their morpho-structural, mechanical, and biological in vitro testing.

His main research directions are focused to the following priority areas: Biomaterials Science and Engineering, Applied Condensed Matter Physics, Surfaces and Interfaces Study, Thin Films and Multi-layers of dielectrics and semiconductors. His research work has a pronounced experimental character, aiming to identify sustainable architectural solutions to be integrated in devices (final products) with applications in the field of nanomedicine (prevalently) and micro-nano-electronics.