



Dr. Zdravko Siketić obtained his PhD in nuclear physics in 2010 at University of Zagreb, Croatia, followed by a year of postdoctoral research at the Jozef Stefan Institute, Ljubljana, Slovenia. Currently he is employed at the Ruđer Bošković Institute, Zagreb, Croatia as a Senior Research Associate in the Laboratory for Ion Beam Interactions. His main research activities include the development of scientific instrumentation (e.g., the TOF-ERDA spectrometer, gas ionization detector, position-sensitive MCP detector, MeV TOF-SIMS spectrometer and capillary MeV TOF-SIMS spectrometer); using various IBA techniques (TOF-ERDA, PIXE, RBS and MeV SIMS) to characterize and modify different type materials (samples from material science, biology, forensics, etc.); and studying the basic parameters of the interaction of charged particles with materials (measuring the scattering cross-section and stopping powers for different ion-target combinations in the 0.1-1 MeV/Aamu energy range)