

BIOGRAPHY

Dr. Ivana Radisavljević is Senior Research Associate at the Vinča Institute of Nuclear Sciences–University of Belgrade (Serbia). She earned her Ph.D. degree in physics from the University of Belgrade (Serbia) in 2008. Her research activity is primarily oriented to the field of multi-component and organic semiconductors and encompasses utilization of the synchrotron-based X-ray absorption/emission spectroscopic techniques (XAFS, XMCD, HAXPES), as well as numerous complementary methods (XPS, XRD, XRF, SIMS, SEM, AFM, ICP. EPR, VSM, ...) and first-principles calculations of electronic band structure (Wien2k, VASP). Over the past decade she has led a number of international research projects conducted at European synchrotron radiation facilities. At present, she is the leader of the national research project related to the electronic principles of formation and functioning of nanostructures in semiconductors suitable for applications in optoelectronics, thermoelectronics and spintronics, and participates in the project of novel nanostructured materials suitable for solid-state hydrogen storage.