

Prof. Dr. Kristina Žagar Soderžnik

Kristina Žagar Soderžnik is a research fellow at the Department for Nanostructured Materials at Jožef Stefan Institute. She obtained PhD degree in 2011 in field of Nanoscience and Nanotechnologies of Jožef Stefan International Postgraduate School. In 2014 she was a postdoc at Vienna University of Technology in Austria and at Ernst Ruska-Centre (ER-C) for Microscopy and Spectroscopy with Electrons in Jülich, Germany. Her main research expertise are advanced characterization of 1D nanomaterials synthesized via template-assisted electrophoretic deposition (EPD), synthesis of nanoporous templates by electrochemical oxidation and hydrothermal synthesis. During her postdoc she has specialized in characterization of hard-magnetic materials using advanced electron microscopy techniques such as HRTEM, STEM, EDXS and EELS. Kristina Žagar Soderžnik is an author or coauthor of 25 published papers, 2 patent applications and 3 patents.