Slavko Radenkovic graduated in 2005 (B. Sc. in chemistry) at the Faculty of Science, University of Kragujevac. He received the annual award of the Faculty of Science in Kragujevac for the best graduate student, as well as the annual award of the Serbian Chemical Society for the best graduate chemistry student. In 2007, he obtained a M. Sc. degree at the University of Kragujevac. He obtained his Ph. D. degree in chemistry in 2010 at the Faculty of Science, University of Kragujevac. His supervisor was Professor Ivan Gutman. Since 2005, Slavko Radenkovic has been employed at the Faculty of Science, University of Kragujevac. He was a Research Assistant, Teaching Assistant, from 2012 he was an Assistant Professor, and from 2018 he is an Associate Professor.

Slavko Radenkovic had several research stays abroad. In 2009, he spent two months at the Institute of Applied Synthetic Chemistry, Vienna University of Technology. In 2010, he got a postdoctoral fellow at the Department of Inorganic and Physical Chemistry, Gent University (Belgium). Again in 2011, he was at the Department of Inorganic and Physical Chemistry, as fellow of the Gent University. In 2012, as fellow of the Mairie de Paris, he stayed in the Laboratory of Theoretical Chemistry, University Pierre and Marie Curie, Paris (France). He was a visiting researcher in 2019 at the Nottingham university and in 2022 at the Girona university through the HPC (European High-Performance Computing) program. Slavko Radenkovic organized the MAGIC-2018 (Magnetically Induced Currents in Molecules) workshop, which was held in Kragujevac. He is a member of the Serbian Chemical Society.