

(C.V. in 300 words)

Slobodan N. Vukosavić is a member of the Serbian Academy of Sciences and Arts and a full professor of electrical engineering at the University of Belgrade. His research focuses on energy, power electronics, digital control, and industrial robotics. He published over 250 papers, 64 of them in journals on the JCR list. He wrote ten books, including "Digital Control of Electrical Drives," "电机" (Electric Motors), "Electrical Machines," and "Grid-Side Converters Design and Control," published by Springer. According to the publisher's data, electronic versions of chapters from his book "Electrical Machines" have been downloaded 4.5 million times. He has been cited over 3300 times (Scopus) and has a Hirsch index of 35. Dr. Vukosavić obtained his B.S, M.S and doctoral degrees from the Department of Electrical Engineering at the University of Belgrade in 1985, 1987, and 1989. He worked with the Nikola Tesla Institute and Emerson Electric (St. Louis). With Vickers-Electric and MOOG-Electric, he played a key role in establishing R/D centers and led the development of power electronics and industrial robotics. He has provided consultations and worked on projects for Huawei, International Rectifier, Ferrari, Lord-Baladyne, Semicron, Polimotor, General Electric, and others. He initiated and led scientific research projects in the field of environmental protection, bringing together universities and R/D institutes of Serbia. At the University of Belgrade, he introduced courses of digital control in power engineering, industrial robotics, and electric vehicles, wrote the corresponding textbooks, established two scientific research laboratories and obtained funding through international bilateral projects. He directed 16 doctoral dissertations, 16 international scientific research projects, and 50 industrial R&D projects. He is a corresponding member of the Serbian Academy of Engineering Sciences since 2002 and a full member since 2007. Since 2015, he is a corresponding member of the Serbian Academy of Sciences and Arts (SASA) and president of the SASA Committee on Energy since 2018. In 2021, he was elected full member of the SASA and secretary of Department of Technical Sciences of SASA.