

Željko V. Despotović, PhD.E.E- Short BIO



Željko V. Despotović was born in Prijepolje, Serbia. He finished primary school and high school in Nova Varoš, Serbia, 1979 and 1983, respectively. He received the B.Sc.(dipl.ing), M.Sc. and Ph.D. degrees in School of Electrical Engineering (Chair of Power Converters and Drives), from the University of Belgrade, Serbia, 1990, 2003 and 2007, respectively. He has been with the Department of Mechatronics, Mihajlo Pupin Institute, Belgrade, since 1991. His research interests include the fields of power electronics, mechatronics, power converters control, vibration control and control of vibratory conveying systems. His currently positions in Mihajlo Pupin Institute are: Full Research Professor and Head R&D Engineer of Power Electronics. During his scientific research and professional work, he has led a number of significant research and development and scientific projects of interest to the electric power industry, process industry and water management. During his scientific research work was deal with the following areas: design and control of power converters, control of mechanical systems and mechanisms, hydraulics and hydrodynamics systems, control of vibrations and development of industrial controllers. He has published 20 papers in leading international scientific journals, 120 papers at international conferences, 50 papers in leading national journals and more than 80 papers at national conferences. He is the author of many technical solution and realizations of industrial prototypes (more than 70 technical solutions and more than 30 industrial prototypes). He participated in a number of international and academic projects, as in scientific and investment national projects. It has a Graduate Engineer's Licenses (Serbian Chamber of Engineers): *352-Responsible Designer of Electrical Drive Control - automatic, measuring and regulation* and *350-Responsible Designer of Low and Medium Voltage Power System*, Serbian Chamber of Engineers. He participated as a designer and as responsible designer, on more investment project (more than 80 projects). In the last ten years, he has been more intensively engaged in the designing of ON GRID and OFF GRID hybrid power supply systems for various purposes and the design of solar photovoltaic power plants with power from 100kW to 3MW. He is professor at the School of Electrical and Computer Engineering of Applied Science - Belgrade, Serbia, since February 2010. He is professor at PhD academic studies on the School of Electrical Engineering, University of Belgrade-Chair of Power Converters and Drives (teaching courses: Power Converter, Control of Power Converter), since 2014. He is IEEE senior member, since 2015. He is the President of the Scientific Council of the Institute Mihajlo Pupin, University of Belgrade, since 2020.

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