

CURRICULUM VITAE of Radu Bojoi

Radu Bojoi graduated in Electrotechnical Engineering at the Technical University "Gh.Asachi" Iasi, Romania, in 1993. From 1994 until 1999 he was Assistant Professor at the Faculty of Electrical Engineering of the Technical University Iasi.

Radu Bojoi obtained the PhD in Electrical Engineering in 2002 at Politecnico di Torino. He is currently Full Professor in Converters, Machines and Electric Drives in the Dipartimento Energia "G. Ferraris" and Chairman of the Power Electronics Innovation Center (PEIC) of Politecnico di Torino.

Prof. Bojoi has become an IEEE Fellow since January 2019. Furthermore, Prof. Bojoi is Co-Editor-In-Chief of the IEEE Transactions on Industrial Electronics and Chair of the Electrical Machine Technical Committee of the IEEE Industrial Electronics Society (IES).

Prof. Bojoi's research activity includes the following topics:

- Design and control of conversion systems for transport electrification.
- High efficiency and high reliability three-phase and multi-phase drives.
- Electronic power converters for distributed generation with inertia emulation and improved power quality.
- Conductive charging systems for storage systems.

Prof. Bojoi has published more than 150 scientific papers (h-index 29, 4100 Scopus citations) and has coordinated more than 20 research projects with industry for direct technology transfer with the aim of obtaining new products.

Prof. Bojoi received 6 international awards:

- 2019 Nagamori Award from the Nagamori Foundation (Japan).
- ICEM Brian Chalmers Best Paper Award 2016 for the paper "Sensorless Self-Commissioning of Synchronous Reluctance Motors at Standstill".
- Third Prize paper of the Industry Application Society 2015 for the paper "Identification of the Magnetic Model of Permanent Magnet Synchronous Machines Using DC-biased AC frequency injection",
- Third prize paper of the Power Electronics Technical Committee of the Industrial Electronics Society 2014 for the paper "Virtual load with active filtering mode for power hardware-in-the-loop testing of power electronic converters".
- Third prize paper of the Industrial Drives Committee of the 2011 Industry Applications Society for the paper "Unified Direct-Flux Vector Control for AC Motor Drives".
- First prize paper of the IPEC 2005 Technical Committee for the paper "Direct Torque Control with Full Order Stator Flux Observer for Dual-Three Phase Induction Motor Drives".