

IEEE PES Cyril Veinott Electromechanical Energy Conversion Award

BULENT SARLIOGLU

2021 Recipient

For contributions to the design, development, and manufacturing of electric motors and drives for industrial and aerospace applications

BULENT SARLIOGLU is a Jean van Bladel Associate Professor with the University of Wisconsin-Madison, and the associate director of the Wisconsin Electric Machines and Power Electronics Consortium. From 2000 to 2011, he was with Honeywell International Inc.'s Aerospace Division, Torrance, CA, USA, most recently as a staff systems engineer. Sarlioglu conceived, prototyped, and developed products that are used in aircraft today, including in the A350 and A380. He received his Ph.D. from the University of Wisconsin-Madison.



Sarlioglu's expertise includes electrical machines, drives, and power electronics, with a particular emphasis on electrification of transportation and industrial applications. He is the inventor and/or co-inventor of 20 U.S. patents and many international patents. In addition, he has published more than 200 technical papers in conference proceedings and journals. Sarlioglu was the recipient of the Honeywell's Outstanding Engineer Award in 2011 for his outstanding contribution to aerospace, the NSF CAREER Award in 2016, and the 4th Grand Nagamori Award from Nagamori Foundation, Japan, in 2018.

Sarlioglu is involved in many IEEE activities. He currently is chair of the PES Motor Subcommittee; IAS Transportation Committee, Educational Activity; and PELS TC4 Electrical Transportation Systems; is a co-editor of the IEEE Electrification Magazine; and was named a IEEE IAS Distinguished Lecturer. His past activities include being the general chair of ITEC 2018, technical program co-chair for ECCE 2019, and a special session chair in ECCE 2020.