

Vladimir Blasko **Senior Fellow, Power Electronics**



Biographical Profile

Vladimir Blasko is Senior Fellow, United Technologies Research Center (UTRC). He is responsible for the development of UTRC's core competency in power electronics, including: building laboratories, setting research direction and strategies, and establishing collaboration with external research organizations. Additional responsibilities include hiring, mentoring and staff development for the Power Electronics Systems Group, business unit product support, and individual contributions and research in power electronics and electrical drives. His primary areas of research interest are power electronics, modern AC drives, distributed energy stems, intelligent power management, and applied modern control theory and technology.

Previously, Blasko was Fellow and Group Leader, UTRC; Principal Engineer and Technical Fellow, Otis Elevator, Farmington, Connecticut; Principal Engineer, Rockwell Automation, Mequon, Wisconsin; Post Doctorate Fellow, Department of Electrical and Computer Engineering, University of Wisconsin, Madison, Wisconsin; and Research and Development Engineer, Research Institute of Koncar Co., Zagreb, Croatia.

Blasko has been an invited town-hall, tutorial and plenary session speaker at international conferences, including OPTIM- 2014, Brasov, Romania; PEDG 2014, Galway, Ireland; ICPE 2015- ECCE Asia – Seoul, Korea; and ECCE 2015 Montreal, Canada. He received the Outstanding Achievement Award, "Plug and Play" Distributed Power Systems for Energy Management and Smart-Grid Connectivity, UTRC 2012; the Otis President's Innovation Awards in 2007 and 2008 for Outstanding Product Innovation; and The Horner Citation Award in 2004 as a member of Hamilton Sundstrand, Otis and Pratt & Whitney teams for generational improvements in electric systems on a new Boeing 7E7 Dreamliner. Blasko was elected to the Connecticut Academy of Science and Engineering (CASE), 2008 and to the ranking of Fellow with The Institute of Electrical and Electronics Engineers (IEEE), 2008.

A member of IEEE and CASE, Blasko has published more than 45 peer-reviewed papers and holds more than 30 U.S. and international patents in the areas of power electronics and electrical drives. Blasko received undergraduate and graduate degrees in electrical engineering from the University of Zagreb, Croatia.