Assoc Professor. Behrooz Bahrani
Electrical and Computer Systems Engineering
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Biography

Behrooz Bahrani received the B.Sc. degree from Sharif University of Technology, Tehran, Iran, the M.Sc. degree from the University of Toronto, Toronto, ON, Canada, and the Ph.D. degree from the Ecole Polytechnique Federale de Lausanne (EPFL), Lausanne, Switzerland, all in electrical engineering, in 2006, 2008, and 2012, respectively.
From September 2012 to September 2015, he was a Postdoctoral Fellow at several institutions including EPFL, Purdue University, West Lafayette, IN, USA, Georgia Institute of Technology, Atlanta, GA, USA, and Technical University of Munich, Munich, Germany. His research interests include control of power electronics systems, applications of power electronics in power and traction systems, and grid integration of renewable energy resources.
Behrooz Bahrani received the Swiss National Science Foundation Early Postdoc.Mobility Fellowship in 2013, and the Swiss National Science Foundation Advanced Postdoc.Mobility Fellowship in 2014.

Employment

Associate Professor
Electrical and Computer Systems Engineering
MONASH UNIVERSITY
5 Oct 2015 → present

Qualifications

Research output

Comparative analysis of the power output capabilities of grid-following and grid-forming inverters considering static, dynamic, and thermal limitations
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<italic>H</italic>∞-based control design for grid-forming inverters with enhanced damping and virtual inertia
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Australia's power system frequency: Current situation, industrial challenges, efforts, and future research directions
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