

Short Bio of Professor Junmin Wang

SAE Fellow - ASME Fellow - IEEE Fellow

Lee Norris & Linda Steen Norris Endowed Professor

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Dr. Junmin Wang (IEEE Fellow) is a full professor in the Walker Department of Mechanical Engineering at The University of Texas at Austin and holds the Lee Norris & Linda Steen Norris Endowed Professorship. Prof. Wang started his academic career at Ohio State University as assistant professor in 2008 and was early promoted to associate professor in September 2013 and then very early promoted to full professor in June 2016. In 2018, he left Ohio State University and joined University of Texas at Austin as Accenture Endowed Professor in Mechanical Engineering. He has five years of full-time industrial research experience (2003-2008) at Southwest Research Institute (San Antonio, Texas). Dr. Wang has a wide range of research interests covering control, modeling, estimation, optimization, and diagnosis of dynamical systems with applications in vehicle, robotic, energy storage, and manufacturing systems.

Prof. Wang's research program has been funded by federal and state governmental agencies as well as industrial companies including National Science Foundation (NSF), Office of Naval Research (ONR), Department of Energy (DOE), National Highway Traffic Safety Administration (NHTSA), U.S. Department of Transportation (DOT), Texas Department of Transportation, GM, Ford, Honda, Tenneco, Eaton, Denso, Ftech, and others. Dr. Wang is the author or co-author of more than 400 peer-reviewed publications including 198 journal articles and 13 U.S. / European patents, and a recipient of seven best paper awards from IEEE, ASME, and SAE.

Professor Wang has served as General Chair of 2023 IEEE International Automated Vehicle Validation Conference, General Chair of 2021 (inaugural) IFAC Modeling, Estimation and Control Conference, a Senior Editor, Editor, Technical Editor, or Associate Editor for over 10 international journals. Prof. Wang is a Fulbright Distinguished Scholar, an SAE Fellow, ASME Fellow, and IEEE Fellow.

Prof. Wang received the B.E. degree (with honors) in Automotive Engineering and his first M.S. degree in Power Machinery and Engineering from Tsinghua University, Beijing China in 1997 and 2000, respectively; his second and third M.S. degrees in Electrical Engineering and Mechanical Engineering from University of Minnesota, Twin Cities in 2003, and the Ph.D. degree in Mechanical Engineering from University of Texas at Austin in 2007.