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Speaker's name and affiliation

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Biography of the speaker:

Hirofumi (Hiro) Akagi was born and grew up in Okayama, Japan. He received his Ph. D. degree in electrical engineering from the Tokyo Institute of Technology, Tokyo, Japan, in March 1979. Immediately, he joined the Nagaoka University of Technology as Assistant Professor, and then, Associate Professor. He moved to Okayama University as Professor in August 1991. Since January 2000, he has been Professor, currently Distinguished Professor, at the Tokyo Institute of Technology. His research interests include power conversion systems and their applications to industry, transportation, and electric power utility. He has authored and coauthored 148 IEEE Transactions / Journal papers, including three invited papers published in *Proceedings of the IEEE*. His papers and patents have garnered more than 67,000 citations with an h-index of 106, according to *Google Scholar*.

Dr. Akagi received many awards, including IEEE Fellow and Life Fellow recognitions in 1996 and 2020, respectively, the 2001 IEEE PELS William E. Newel Award, the 2004 IEEE IAS Outstanding Achievement Award, the 2008 IEEE Richard H. Kaufmann Award, the 2012 IEEE PES Nari Hingorani Custom Power Award, 2018 IEEE Medal in Power Engineering, and the 2020 EPE (European Power Electronics and Drives Association) Gaston Maggetto Medal. He is the world's first, and currently sole, recipient of both IEEE and EPE Medals. He served as the President of the IEEE Power Electronics Society from 2007 to 2008 for two years, and as the IEEE Division II Director from 2015 to 2016 for two years.