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Title: Novel Type of Wireless V2H with Seamless Two-way One-SW Converters and Asymmetric Power-Transfer Coils

A short CV with a photo



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Hideki Omori received the B.S., M.S., and Dr. Eng. degrees in electrical engineering from Kobe University, Japan.

Since joining Panasonic Co., Ltd., Osaka, Japan in 1977, he had been engaged in developmental research of power electronics and served as a director of Home Appliance and Housing Electronics Research Laboratory.

Since 2011 he has been a professor of Osaka Institute of Technology, Japan, and is a visiting professor of Kobe University since 2022, and Nagasaki Institute of Applied Science since 2023. His research interests include applied power electronics to home and consumer appliances, high-frequency inverters, power-device applications, induction-heating systems, wireless power-transfer technology.

He has received the 2002 Minister of Education and Science Award, the 2015 IEEE IFEC Best Innovative Design Award, and the 2020 IEEJ Distinguished service award.

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