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**Paper Title : Demonstration of Standalone Solar Carport Model Utilizing
Fully Renewable Energy**

Bio

Keiichi Hirose received the B.Sc. and M.Sc. degrees in electrical engineering from the Yamagata University in 1990, Niigata University in 1992, respectively, and the Ph.D. degree from the Nagoya University, Japan in 2011.

Currently, he is a professor, a vice-president of the Nagasaki institute of Applied Science (NiAS), Japan. He involves some R&D and demonstration projects and related activities for DC power utilization and applications. Before joining NiAS he was employed in telecom industry for 30 years deploying and contributing to several DC power systems and DC microgrids for telecommunication and data centre businesses. He has served in many IEEE committees including the Chair of the IEEE PELS Japan Joint Chapter (2015-2016), the President of the IEEE PELS INTELEC (TC7 Chair) (2016-2018) and the General Chair of ICDCM 2019.

He is a fellow of IEE- Japan (IEEJ), a member of the Institute of Electrical Installation Engineers of Japan. (IEIEJ), the Institute of Electronics, Information and Communication Engineers of Japan (IEICE) and IEEE. He is currently the chair of the International Electrotechnical Commission (IEC) System Committee (SyC) Low Voltage Direct Current and Low Voltage Direct Current for Electricity Access (IEC SyC

LVDC) and Sub Committee 22 stabilized power supplies (SC22E) of the Japanese national committee.