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Mr. Koki Kawaoka

Nagasaki Institute of Applied Science, Nagasaki, Japan



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Paper Title : An Optimal Route Planning for EV Shuttle Services Based on OpenStreetMap and Fundamental Geospatial Data of Japan

Bio :

Koki Kawaoka was born in Nagasaki, Japan, in 2001. He received the B.Eng. degree in Faculty of Applied Information Technology, Nagasaki Institute of Applied Science, Nagasaki, Japan, in 2024. Since 2024, he has been a master's student with the Graduate School of Engineering, Department of Electronics and Information Technology, Nagasaki Institute of Applied Science. His research interests include the design and operation of energy management systems using electric vehicles in medical facilities, with a primary focus on the development and application of route planning models. He is a student member of the Institute of Electrical and Electronics Engineers (IEEE) and the Institute of Electronics, Information and Communication Engineers (IEICE).