

# ICRERA 2025

## 14th INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY RESEARCH AND APPLICATIONS

### **Mr. Koki Kumaoka**

Osaka Electro-Communication University, Osaka Japan



**Paper ID** \_\_\_\_\_ : 508

**Paper Title** \_\_\_\_\_ : Determination of PV Capacity for Charging: A Case Study on the Electrification of Clinic Shuttle Services in Japan

### **Bio:**

Mr. Koki Kumaoka was born in Osaka, Japan, in 2001. He received the B.Eng. degree in Medical Science from the Faculty of Medical Science and Health-Promotion, Osaka Electro-Communication University, Osaka, Japan, in 2024. Since 2024, he has been a Master's course student with the Graduate School of Biomedical Engineering, Osaka Electro-Communication University. His research interests include the design and operation of energy management systems in medical facilities, with a primary focus on the development and application of medical safety systems. He is a member of the Institute of Electrical Engineers of Japan (IEEJ) and the Japan Society of Welfare Engineering (JSWE).