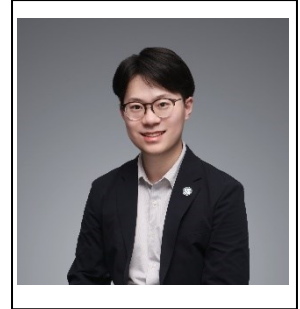


# ICRERA 2025

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

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**Paper ID** \_\_\_\_\_ : 144

**Paper Title** \_\_\_\_\_ : Correlation Analysis Between Simulated Heat Generation and Battery Degradation Under Fast Charging

### **Bio :**

Mr. Xuelu WANG is PhD candidate in the Department of Embedded Systems and Energy for Transport at ESTACA'Lab – University of Paris-Saclay. He received his Master of Science, and Bachelor of Science degrees in mechanical engineering and electrical engineering from Sorbonne University in Paris, France. His doctoral research focuses on Li-ion battery state-of-health diagnosis and fault detection using AI-driven methods.

His primary research interests include battery state-of-health estimation, fast charging strategy, battery management systems and energy management systems, deep learning, machine learning, and other problems related to engineering for electric vehicles powertrain system.