

The 57th AJI Frontier Seminar

Date

July 18, 2023, Tuesday

13:00-14:00



Presentation:

Dr. You LiSenior Researcher, Ritsumeikan Asia-Japan Research Organization,
Ritsumeikan University

Graphical Decomposition Model to Estimate Hourly Global Solar Radiation Considering Weather Stochasticity

Hourly solar radiation data are of great concern for solar PV, solar thermal and building energy assessment. In this work, a graphical solar radiation decomposition model based on the solar radiation daily pattern is proposed. It is achieved by clustering, regression, classification, and identification of meteorological data and allows reliable prediction of hourly global solar radiation.

**Registration**<https://tinyurl.com/2pvhm5zw>**Moderator: Dr. NGUYEN Thi Thuong**Senior Researcher, Ritsumeikan Asia-Japan Research Organization,
Ritsumeikan University