



Solar cell performance evaluation technique MPPT seminar



Dr. Viraj Vishwakantha Jayaweera Piyankarage

Date: November 17 (Wed), 2021

Time: 15:00PM - 17:00PM

Room: 3s253 (M2) in the 3rd building South Annex of RCAST

Charge: free

Program: (1) Introduction by S. Uchida
 (2) Lecture and demonstration by Viraj san

Specialty:

Physical chemistry
 Device engineering
 Electronic circuit design

Job title:

Senior engineer

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PV Power Analyzer
[VK-PA-100](#)

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The hysteresis of perovskite solar cell at the I-V measurement has been long discussed in related with the device capacitance. Since the year 2015, to make clarify the true performance of such a tricky device, SPD company supplied the special equipment PV Power Analyzer with traditional energy managing technique Maximum Power Power Tracking (MPPT) as a research purpose. This seminar provides the scientific understanding what is MPPT and how to apply for our capacitive solar cell.

Organizer, Contact address:

Prof. Satoshi Uchida, The University of Tokyo (uchida@rcast.u-tokyo.ac.jp)

