
Symposium (Oral) | Symposium | Toward construction of academic theory on "module science" with giving cases of solar cells

[14p-A402-1~9]Toward construction of academic theory on "module science" with giving cases of solar cells

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Sat. Mar 14, 2020 1:30 PM - 6:00 PM A402 (6-402)

△ : Presentation by Applicant for JSAP Young Scientists Presentation Award

▲ : English Presentation

▼ : Both of Above

No Mark : None of Above

5:00 PM - 6:00 PM

[14p-A402-9]Panel discussion toward construction of academic theory on "module science"

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Keywords:modules, semiconductor devices, solar cells

Degradation in photovoltaic modules originates from changes in properties of semiconductors, glass, polymer, and metals by loads such as UV light irradiation, hygrothermal stress and high voltage. Such degradation relates with chemical reaction and interaction between each material. In order to examine whether these knowledges can be applied to packaging techniques for other electronic devices and also to construct academic theory on "module science", panel discussion will be held with specialists for each electronic device.