Session Title	Advanced and Highly Efficient Inorganic Photovoltaics Materials and Structures I	Session Code	Fr-G1
Date and Time	2018-08-24 / 8:30 - 10:30		
Place	Room G		
Session Chair	TBA		

Fr-G1-1 8:30 - 8:55

[Invited]Effects of Alkali Metals in Cu(In,Ga)Se_2 Thin Films and Solar Cells

Shogo Ishizuka
AIST, Japan

Fr-G1-2 8:55 - 9:20

[Invited]Influence of Na Accumulation at the Localized Grain-Boundary in CIGS Absorbers

JinWoo Lee[1], Ryan Kaczynski[1], Jane Van Alsburg[1], Yejiao Wang[1], Bo Sang[1], Jeffrey Bitt[1], and Daniel Goran[2]
[1]Global Solar Energy Inc., USA, [2]Bruker Nano GmbH, Germany

Fr-G1-3 9:20 - 9:45

[Invited]Study of Defects in Cu(In,Ga)$(S,Se)_2$-based Solar Cells

Takeaki Sakurai and Katsuhiro Akimoto
Univ. of Tsukuba, Japan

Fr-G1-4 9:45 - 10:10

[Invited]Micro- and Nanometer Scale Cu(In,Ga)Se_2 for Photovoltaic Devices

Sascha Sadewasser
INL, Portugal

Fr-G1-5 10:10 - 10:35

[Invited]Above 19% cell efficiency in Cu(In,Ga)Se2 solar cell by employing a alkaline post deposition treatment (PDT) with Na2S as a alkaline source

Seung Tae Kim[1], Byung Tae Ahn[1], Ki Hwan Kim[2], and Jae Ho Yun[2]
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