

Session Code [01] MoB3

Session Title	Solar Cell 3
Date and Time	Monday, October 4, 2021 / 15:30-16:30
Session Room	Room B (Samda B)
Session Chair(s)	Sangwook Lee (Kyungbuk Nat'l Univ., Korea) Vidyasagar Devtade (Kyungpook Nat'l Univ., Korea)

[[01] MoB3-1]

15:45-16:00

Enhancement of Light Absorption in Transparent Crystalline Silicon Solar Cells using Light-Harvesting FilmKangmin Lee, Jeonghwan Park, and Kwanyong Seo (*UNIST, Korea*)**[[01] MoB3-2]**

[Online] 16:00-16:15

Influence of Carbon Doping on The Electrical and Optical Properties of Zinc Oxide Nanocolumnars: Experimental and Density-Functional StudiesYasni Novi Hendri (*Institut Teknologi Bandung, Indonesia*), Robi Kurniawan (*Univ. Negeri Malang, Indonesia*), Sefrico Agung Saifulloh, Raffles Sinaga (*Institut Teknologi Bandung, Indonesia*), Kouichi Takase (*Nihon Univ., Japan*), and Yudi Darma (*Institut Teknologi Bandung, Indonesia*)**[[01] MoB3-3]**

16:15-16:30

Field-Induced Radial Junction for Dopant-Free Crystalline Silicon Microwire Solar Cells with an Efficiency of Over 20%Deokjae Choi and Kwanyong Seo (*UNIST, Korea*)