

CIGS Thin-Film PV Workshop 2024

- **Theme :** Trends in Thin-Film PV R&D for Multi-Purpose Applications
- **Date :** Oct. 17th (Thursday) - 18th (Friday) 2024
- **Venue :** Paradise Hotel Busan – Sicily Room
- **Organizers :** Thin-film PV Subcommittee of the Korea Photovoltaic Society,
Photovoltaics Research Department of the Korea Institute of Energy Research
- **Registration:** General (500,000 Won), Student (200,000 Won)

Oct. 17 th (Thursday)		
Time	Invited Speaker	Title
13:30-14:20	Registration	
14:20-14:30	Opening	
Session I – Trends in PV R&D planning in Korea		Chair: TBD
14:30-14:55	Myong, Seung Yeop (Korea Institute of Energy Technology Evaluation and Planning)	R&D strategy for early commercialization of tandem solar cells
14:55-15:20	Cho, Jun-Sik (Korea Research Foundation)	Current Status and Future Plans for Energy and Environment R&D Supported by the Korea Research Foundation
15:20-15:40	Coffee Break	
Session II – Thin-Film PV Strategy for Multi-purpose applications		Chair: TBD
15:40-16:05	Hong, Chang Kook (Chonnam National University)	Designing of all inorganic hybrid perovskite solar cells with high efficiency and stability
16:05-16:30	Kim, Hyo-Jin (Korea Photonics Technology Institute)	Trends in the Development of High-Efficiency III-V Compound Semiconductor Solar Cell Technology
16:30-16:55	Sugimoto, Hiroki (PXP Corporation)	Development of Flexible Perovskite/Chalcopyrite Tandem Solar Cells
16:55-17:20	Kwon, Seongwon (Binding)	Commercialization and Installation Cases of CIGS Thin-Film BIPV Modules
17:20-17:45	Choi, Chuljun (LX Hausys)	Elemental Technology of BIPV System as Building Materials (Solar System Louver)
17:45-18:00	Free Discussion & Closing & Commemorative Photo	
18:30 ~	Banquet (Sicily Room)	

Oct. 18th (Friday)

Session III – Trends in CIGS thin-film PV researches in Korea Chair: TBD

09:10-09:35	Jo, William (Ewha Womans University)	Flexible Photovoltaics of CIGS
09:35-10:00	Jeong, Jeung-hyun (Korea Institute of Science and Technology)	Bifacial CIGS Thin-Film Solar Cells and Their Application in Monolithically-Integrated Module
10:00-10:25	Sung, Shi-joon (Daegu Gyeongbuk Institute of Science and Technology)	Novel Hybrid Electrodes for CIGS Solar Cells
10:25-10:50	Chung, Yong-Duck (Electronics and Telecommuni- cations Research Institute)	Improvement of the aesthetics in CIGS thin-film solar cells via frontal structure control
10:50-11:15	Hwang, Inchan (Korea Institute of Energy Research)	Flexible and Large Area CIGS Solar Cells
11:15~	Panel Discussion & Closing	