

## Simposium 2: Solar Power and Concentrators, Specialized Module

### February 24 (TUE)

Time	Program	
	[S2-1] Solar Power and Concentrators, Specialized Module	
	Chair: Kim, Jae Hog (Yeungnam Univ.)	
13:30-14:00	[2102722] Phenothiazine-based multi-branched and multi-anchoring Organic Dyes for Dye-sensitized solar cells	Thogiti, Suresh (Yeungnam Univ.)
14:00-14:30	[2102429] Outdoor testing and degradation of dye-sensitized solar cells in Abu Dhabi	Oh, SooYoung (Yeungnam Univ.)
14:30-15:00	[2140978] Material and Technology Perspectives of III-V Solar Cells for Space and Terrestrial CPV Applications	Strobl, Gerhard (Business Development, AZUR SPACE Solar Power GmbH, Heilbronn)

### February 25 (WED)

Time	Program	
	[S2-2] Solar Power and Concentrators, Specialized Module	
	Chair: Kim, Seung Bin (Anycasting Co. Ltd.)	
09:00-09:30	[2114724] Characterization of Composites of Graphite Foam Infiltrated with MgCl <sub>2</sub> for Latent Heat Thermal Energy Storage Systems for Concentrated Solar Power	Singh, Dileep (Azur space solar power)
09:30-10:00	[2108756] Optimized lens Design for Medium-concentrated Silicon PV and Optical Performances	Jang, WonKun (3D. Convergence Technology Research Center)

Time	Program	
	[S2-3] Solar Power and Concentrators, Specialized Module	
	Chair: Jung, Jae Hak (Yeungnam Univ.)	
10:50-11:30	[2113920] Keynote : Solar Concentrator by Fresnel Lenses and Polygon Fresnel Sun-House	Ohmori, Hitoshi (Material Fabrication Lab. ASI)
11:30-12:00	[2114277] Design and Manufacturing of Advanced Catadioptric Primary Optic Lens for Highly Thin Concentrator Photovoltaic Module	Kim, SungBin (Anycasting Co. Ltd.)

Time	Program	
	[S2-4] Solar Power and Concentrators, Specialized Module	
	Chair: Oh, SooYoung (Yeungnam Univ.)	
13:30-14:00	[2102462] A study of analysis of power generation from CPV and conventional crystalline solar modules	Jung, Jae Hak (Yeungnam Univ.)
14:00-14:30	[2089900] Solar driven thermochemical two-step water splitting cycle using Ceria foam device and solar furnace	Kim, JongKyu (Solar thermal Lab. KIER)
14:30-15:00	[2089665] The performances of the Ballast-type Floating Sun-tracker	Kim, SeungSeop (Winning business Co. Ltd)
15:00-15:30	[2113986] Energy yield of different PV module technologies and influencing factors	Lim, SooBong (TUV Rheinland)