

The 6th Korea-China-Japan Joint Symposium on Photovoltaics

9/29 (Thursday)

	Time	Speakers	Affiliation	Presentation Title	
	14:00~14:10	Opening Remarks: Byung-Tae Ahn (symposium chair) Welcoming address: Makoto KONAGAI and Honghua Xu (symposium co-chairs)			
				Chair: Young Chun Park	
1	14:10~14:25	Gwon-Jong Yu / Byung-Gyu Yu	KIER	Dissemination Status of Photovoltaic Systems and Its Market in Korea	
2	14:25~14:40	Kosuke KUROKAWA	Tokyo Institute of Technogy	Earthquake, Tsunami and PV system	
3	14:40~14:55	Jiang Nan	Institute of Electrical Engineering, Chinese Academy of Sciences	Test & Demonstration Project of PV System in IEE, CAS	5
4	14:55~15:10	Ji-Hun Kim	Osolar	Operation Status of 24MW Dong-Yang PV system in Korea	
5	15:10~15:25	Yuzuru UEDA	Tokyo Institute of Technogy	Outdoor Test Results of Different PV Technologies in Japan	
	15:25~15:40	Break (15 min.)			
				Chair: Yuzuru Ueda	
6	15:40~15:55	In-Cheol Chang	S-Energy	Research and Development of PV Module for Desert and Its Market	
7	15:55~16:10	Takashi OOZEKI	AIST	A study on Output Forecasting Technology of PV Systems in Energy Network	4
8	16:10~16:25	Noh Chang Park	Korea Electronics Technology Institute	Study on Moisture Induced Corrosion of Crystalline Silicon PV Module	
9	16:25~16:40	Atsushi MASUDA	AIST	Improved reliabilty and testing methods for solar- cell modules	
	16:40~17:00	Break (20 min.)			
				Chair: Chinese speaker	
10	17:00~17:15	Ji Weon Jeong	LG Electronics	An Approach to Achieve 20% Efficiency in Multicrystalline Silicon Solar Cells	
11	17:15~17:30	Shigeharu TAIRA	SANYO	HIT Solar Cells	
12	17:30~17:45	Young Chun Park	Handong Global University	In-situ Silicon Quantum Dot Deposition in SiNx Matrix Using SLAN ECR PECVD	
13	17:45~18:00	Shozo YANAGIDA	Osaka University	Computational Analyses of Vapor-phase Reactions of SiH4 in PE-CVD Processes	6
14	18:00~18:15	Wang Kongjia	Institute of Plasma Physics, Chinese Academy of Sciences	DSC in China and its Develop in the Future	
15	18:15~18:30	Nam Cheol Yang	Samsung SDI	Recent R&D Activities of Dye Sensitized Solar Cells	

9/30 (Friday)

				Chair: Woo Kyoung Kim	
1	09:00~09:15	Doo Young Yang	LG Innotek	The Market and Technology Trends of CIGS Thin Film Solar Modules	
2	09:15~09:30	Katsumi KUSHIYA	Solar Frontier K.K.	Current Status of CIS-based Thin-film PV in Showa Shell Sekiyu/Solar Frontier	
3	09:30~09:45	Huang Fuqiang	Shanghai Institute of Ceramics, Chinese Academy of Sciences	R&D of CIGS Thin Film Solar Cells at SIC, CAS	7
4	09:45~10:00	Jung-Woo Park	Hyundai-Avancis Co. Ltd	Progress on Hyundai-Avancis's CIGS Thin Film Solar Cell Business	
5	10:00~10:15	Shigeru NIKI	AIST	Research and Development of CIGS Solar Cells and Submodules at AIST	
6	10:15~10:30	Dong Seop Kim	Samsung SDI	Development of CIGS and Si Solar Cells	
7	10:30~10:45	Takahiro WADA	Ryukoku University	Theoretical and Experimental Studies on Cu ₂ ZnSn(S,Se) ₄ Solar Cells at Ryukoku University	
	10:45~11:00	Break (15 min.)			
				Chair: Takahiro Wada	
8	11:00~11:15	Byung-Tae Ahn	KAIST	Current Progress in Cd-free Buffer Research at KAIST	

9	11:15~11:30	Akira YAMADA	Tokyo Institute of Technology	High Efficiency Cu(InGa)Se2 Thin-Film Solar Cells - Evaluations and High-Ge Cells -	6
10	11:30~11:45	Jae Ho Yun	KIER	CIGS Research Status at KIER	
11	11:45~12:00	Tokio NAKADA	Aoyama Gakuin University	Current R&D of Chalcopirite-Based Thin Film Solar Cells at AGU	
12	12:00~12:15	Jeha Kim	ETRI	Progress in Sub-micron CIGS and Film Growth by Reactive Sputtering	
13	12:15~12:30	Woo Kyoung Kim	Yeungnam University	In-situ Investigation of CuGaIn Selenization Pathways and Kinetics	
	12:30~14:00	Lunch (90 min.)			
				Chair: Jeha Kim	
14	14:00~14:15	Kenji YAMAMOTO	Kaneka Corporation	High Efficiency Thin Film Si Solar Cell and Module	4
15	14:15~14:30	Heon-Min Lee	LG Electronics	Si Thin Film Technology Applications for Low Cost and High Efficiency Photovoltaics	
16	14:30~14:45	Takuya MATSUI	AIST	Research and Development of Silicon-based Thin Film Solar Cells at AIST	
17	14:45~15:00	Seung Yeop Myong	GETWATT KISCO	Mass Production and R&D of Thin-Film Si-Based Photovoltaic Modules in KISCO	
18	15:00~15:15	Takashi ITOH	Gifu University	Development of Local Photovoltaic Characterization of Si Thin Film Solar Cells by SPM	
19	15:15~15:30	Zhang Jingquan	Si Chuan University	AlSb Polycrystalline Thin Films Characteristics and Photovoltaic Application	
	15:30~16:00	Break (30 min.)			

9/30 (Friday) Panel Discussions Chair : Chinho Park

20	16:00~17:30	Jinsoo Song	KIER	What will be the next generation solar cells towards grid parity
		Nam-Gyu Park	SKKU	Strategies for Commercialization of Dye-Sensitized Solar Cell
		Chinho Park	KETEP	Photovoltaic R&D Strategy of Korea and Vision Towards International Cooperation
		Masafumi YAMAGUCHI	Toyota Technological Institute	NEDO Next Generation PV R&D, EU-JPN Collaborative R&D on CPV and JST-CREST Programs
		Makoto KONAGAI	Tokyo Institute of Technology	NEDO Innovative PV Program aiming at 40% efficiency toward 2050
		Shuzi HAYASE	Kyushu Institute of Technology	Precursory Research program for Embryonic Science and Technology (PRESTO) by Japan Science and Technology Agency (JST) -Photoenergy conversion systems and materials for the next generation solar cells-
		Honghua Xu	IEE, Chinese Academy of Sciences	PV Industry Status & Tendency in China
		Wang Wenjing	IEE, Chinese Academy of Sciences	Research Activities of Crystalline Si Solar Cell in IEE, CAS
	17:30~17:40	Closing Remarks: Jinsoo Song		

	Time	Total Slots
DAY 1	14:00~18:00	15
DAY 2	09:00~12:30	13
	14:00~17:40	6
Total		34