

Oral Session

Keynote/Invited	Presentation NO	Presentation date	Time to start	Time to finish	Account: First name	Account: Middle name	Account: FAMILY NAME	Account: Affiliation	Abstract title
Chairperson : Hajime SHIRAI									
Keynote	A-1-K26-001	26 Sep.	13:30	13:55	Michio		KONDO	National Institute of Advanced Industrial Science and Technology (AIST)	
Invited	A-1-I26-002	26 Sep.	13:55	14:15	Tetsuya		TAIMA	Kanazawa University	
	A-1-O26-003	26 Sep.	14:15	14:30	Ryo		ISHIKAWA	Saitama University	Solution-processed MoOx hole-transporting layer for normal and inverted organic thin-film photovoltaic cells
	A-1-O26-004	26 Sep.	14:30	14:45	JUN		LI	A*STAR	Solution-Processable Donor-Acceptor Polymer Semiconductors for High Performance OPV and OTFT Applications
	A-1-O26-005	26 Sep.	14:45	15:00	Yo		SHIMIZU	National Institute of Advanced Industrial Science and Technology (Kansai Center)	Liquid Crystalline Semiconductors of Phthalocyanines : a Binary System with PCBM as a Bulk Heterojunction Layer
	A-1-O26-006	26 Sep.	15:00	15:15	bo		LIU	National University of Singapore	High-efficiency bulk heterojunction organic solar cells based on ultrafine contiguous crosslinked polymer donor networks
Chairperson : Michio KONDO									
Keynote	A-1-K27-001	27 Sep.	10:30	10:50			SUGIHARA		
	A-1-O27-002	27 Sep.	10:50	11:05	Seung Hee		LEE	POSTECH	High efficiency dye sensitized solar cells based on an array of single-crystalline TiO2 nano-helices
	A-1-O27-003	27 Sep.	11:05	11:20	Marketa		ZUKALOVA	J. Heyrovsky Institute of Physical Chemistry, AS CR	Solar Conversion Efficiency of the Dye-Sensitized Solar Cell Employing (001)-Face Dominating Nanocrystalline TiO2 Photoanode
	A-1-O27-004	27 Sep.	11:20	11:35	XIN		LI	Kochi University of Technology	Influence of Carrier Gases on Zinc Oxide Nanostructures Grown by Mist Chemical Vapor Deposition
	A-1-O27-005	27 Sep.	11:35	11:50	LuYin		LIN	National Taiwan University	TiO2 nanotube imprinted Ti foil counter electrodes for dye sensitized solar cells
	A-1-O27-006	27 Sep.	11:50	12:05	Min-Hsin		YEH	National Taiwan University	Novel Core-Shell Heterostructure of MWCNT/GONRs as the Catalyst of Counter Electrode for Dye-sensitized Solar Cells
	A-1-O27-007	27 Sep.	12:05	12:20	Chun-Ting		LI	National Taiwan University	A Novel Composite Film of TiS2/Nafion/PEDOT:PSS as the Catalytic Material for the Counter Electrodes in Dye-sensitized Solar Cells
Lunch		27 Sep.	12:20	13:30					
Chairperson : Tetsuya TAIMA									
Invited	A-1-I27-008	27 Sep.	13:30	13:50	Daiki		SHIMURA	Nagoya University	Direct Observation of Mini-bands in AlGaAs/GaAs Superlattice for Intermediate Band Solar Cell
Invited	A-1-I27-009	27 Sep.	13:50	14:10	Lee		BURTON	University of Bath	Towards High Efficiency Tin Sulfide Solar Cells
Invited	A-1-I27-010	27 Sep.	14:10	14:30	Roy	G.	GORDON	Harvard University	Semiconductor Properties of Tin Monosulfide as an Earth-Abundant Absorber Material for Solar Cells
	A-1-O27-011	27 Sep.	14:30	14:45	Naho		ITAGAKI	Kyushu University	Zinc-Indium Oxynitride Semiconductors for Piezo-Electric-Field Effect MQW Solar Cells
	A-1-O27-012	27 Sep.	14:45	15:00	Seung Jae		OH	Pohang University of Science and Technology (POSTECH)	Improved power conversion efficiency of polycrystalline Si solar cells by nanostructured broadband and omni-directional antireflection coatings
Coffee Break		27 Sep.	15:00	15:15					
Chairperson : Naho ITAGAKI									
Invited	A-1-I27-013	27 Sep.	15:15	15:35	Stephen	J	FONASH	Penn State University	Highly Effective Light Trapping Using Non-metallic Nano-element Arrays in Thin Film Solar Cells
	A-1-O27-014	27 Sep.	15:35	15:50	Jonathon		MITCHELL	The Australian National University	Implementation of a Surface Diffusion Hydrogen Passivation for Shallow Acceptors in 3 Dimensional Hybridised Thin Film a-Si:H
	A-1-O27-015	27 Sep.	15:50	16:05	Zhi Peng		LING	Solar Energy Research Institute of Singapore, National University of Singapore	Micro Raman Spectroscopy Analysis of Doped Amorphous and Microcrystalline Silicon Thin Film Layers for Application in Heterojunction Silicon Wafer Solar Cells
	A-1-O27-016	27 Sep.	16:05	16:20	Hajime		SHIRAI	Saitama University	Carrier transport in conductive PEDOT:PSS/c-Si heterojunctions
	A-1-O27-017	27 Sep.	16:20	16:35	Hajime		SHIRAI	Saitama University	Efficient Crystalline Si/Poly(ethylene dioxythiophene):Poly(styrene sulfonate)(PEDOT:PSS):Graphene Oxide(GO) Composite Heterojunction Solar Cells
	A-1-O27-018	27 Sep.	16:35	16:50	Sandeep	Kumar	DAS	Kyushu institute of Technology	Fullerene free sensitized bulk heterojunction solar cells using solution processable ZnO

Poster Session

Presentation NO	Presentation date	Time to start	Time to finish	Account: First name	Account: Middle name	Account: FAMILY NAME	Account: Affiliation	Abstract title
A-1-P26-001	26 Sep.	16:30	18:30	Rozina		ABDUL RANI	RMIT University	Synthesis and dye-sensitized solar cells performance of crisscross porous network Nb2O5.
A-1-P26-002	26 Sep.	16:30	18:30	Yuji		HORIE	Kagoshima University	Application of Electrospun Nb:TiO2 Nanofibers to Dye Sensitized Solar Cells
A-1-P26-003	26 Sep.	16:30	18:30	Takanori		SASAKI	Hachinohe Institute of Technology	Prevention of Temperature rise of DSSC using Wavelength Selective Transmission Thin Film
A-1-P26-004	26 Sep.	16:30	18:30	Masayuki		OKUYA	Shizuoka University	FTO film with high haze and transmittance prepared for dye-sensitized solar cells
A-1-P26-005	26 Sep.	16:30	18:30	Masayuki		OKUYA	Shizuoka University	Dye-sensitized solar cell prepared with TNO transparent conductive film
A-1-P26-006	26 Sep.	16:30	18:30	Yu-Yan		LI	National Taiwan University	Graphite Materials with Different Dimensional Structures as the Catalysts of Counter Electrode in Dye-sensitized Solar Cells
A-1-P26-007	26 Sep.	16:30	18:30	Wei-Chieh		CHEN	National Taiwan University	Flexible Photoanode with Double-wall TiO2 Nanotubes for Dye-Sensitized Solar Cells
A-1-P26-008	26 Sep.	16:30	18:30	Ling	Yu	CHANG	National Taiwan University	Efficient ZnO-based Dye_sensitized Solar Cells with Novel Organic Dyes
A-1-P26-009	26 Sep.	16:30	18:30	YUTING		WANG	Kyushu University	Effects of V-doped TiO2 on Performance Si QDSCs
A-1-P26-010	26 Sep.	16:30	18:30	Hyunwoong		SEO	Kyushu University	Enhancement of light harvesting efficiency with multi-layered electrode of Si quantum dot-sensitized solar cells
A-1-P26-011	26 Sep.	16:30	18:30	Vidmantas		GULBINAS	Center for Physical Sciences and Technology	Excited state dynamics in merocyanine films and their blends with fullerene derivatives
A-1-P26-012	26 Sep.	16:30	18:30	Tatsuya		AOTAKE	Nara Institute of Science and Technology	Synthesis and OTFT properties of thiophene-linked anthracenes by photo-conversions of the diketone precursors
A-1-P26-013	26 Sep.	16:30	18:30	Ahmad	Sabirin	ZOOLFAKAR	RMIT UNIVERSITY	Effect of Sputtered ZnO Seed Layer on the Performance of Electrodeposited ZnO/Cu2O Heterojunction Solar Cells
A-1-P26-014	26 Sep.	16:30	18:30	Shuhe		YAGI	Saitama University	Enhancement of High Energy Band Optical Transition in GaAs:N Delta-Doped Superlattices for Intermediate Band Solar Cells
A-1-P26-015	26 Sep.	16:30	18:30	Lin	Ya	YEH	Chang Gung University	Growth and Characterization of CuInSe2 powders using solution growth technology
A-1-P26-016	26 Sep.	16:30	18:30	Seong Man		YU	Sungkyunkwan University	Phase transformation of In2Se3 by injecting Cu with heat treatment for CuInSe2 thin films formation
A-1-P26-017	26 Sep.	16:30	18:30	Pin-Wen		SHAO	Chang Gung University	Preparation of Copper-Indium-Disulfide Semiconductors Using Chemical Bath Deposition for Photovoltaic Applications
A-1-P26-018	26 Sep.	16:30	18:30	Derrick	Michael	MOTT	Japan Advanced Institute of Science and Technology	Synthesis and photoelectronic properties of CuZnS based nanoparticles
A-1-P26-019	26 Sep.	16:30	18:30	iping		SUHARIADI	graduate school of information science and electrical engineering, kyushu university	Fabrication of ZnO Films via Nitrogen-Mediated Crystallization as Buffer Layers for ZnO:Al Transparent Conducting Oxide
A-1-P26-020	26 Sep.	16:30	18:30	Jin-Su		KANG	Pukyong National University	Impact of a mask material on solar cell efficiency for direct metallization with selective laser ablation
A-1-P26-021	26 Sep.	16:30	18:30	Sang Hyun		CHO	Pusan National University	Investigation of Mo thin film deposited by ion beam assist sputter for CIGS solar cell
A-1-P26-022	26 Sep.	16:30	18:30	Yuuji		HASHIMOTO	Kyushu University	Deposition of B-doped a-Si:H films using a cluster eliminating filter
A-1-P26-023	26 Sep.	16:30	18:30	Jonathon		MITCHELL	The Australian National University	Surface Passivation of Multicrystalline silicon by Multi-Layer PECVD of Hydrogenated Amorphous Silicon
A-1-P26-024	26 Sep.	16:30	18:30	Karen		AYVAZYAN	Ecoatom Co.	Multijunction Silicon Solar Cells for High-Concentration Systems
A-1-P26-025	26 Sep.	16:30	18:30	Hyo Jung		KIM	Sungkyunkwan University	The Performance Degradation of c-Si solar cells under short time light Exposure
A-1-P26-026	26 Sep.	16:30	18:30	Dong-Youn		SHIN	Pukyong National University	Study on silver particle size distribution for direct ink-jet metallization of a bulk type silicon solar cell
A-1-P26-027	26 Sep.	16:30	18:30	Bharani Venkata	Kiran Kumar	ALTHURTHI	KONGJU NATIONAL UNIVERSITY	AgNWs / PANI: PSS Composite Transparent Electrodes: Scalable Process
A-1-P26-028	26 Sep.	16:30	18:30	Taiga		HIATE	Saitama University	Chemical Mist Deposition of Graphene Oxide (GO) and poly(3,4-ethylenedioxythiophene):poly(styrene sulfonate)(PEDOT:PSS) Films for Crystalline Si/Organic Junction Solar Cells
A-1-P26-029	26 Sep.	16:30	18:30	Taiga		HIATE	Saitama University	Electrospray deposition of poly(3-hexylthiophene)(P3HT) films for crystalline Si/organic hybrid heterojunction solar cells
A-1-P26-030	26 Sep.	16:30	18:30	Joanna		PAWLAT	Lublin University of Technology	Technologies of Air, Water and Soil Treatment Based on Solar Energy and AOP