

■ The 7th International Symposium of Advanced Energy Science - Frontiers of Zero Emission Energy -

Timetable September 5th, 2016						
Start	End	Venue	Speakers	Field	Univ./Institute	Title
9:00	9:40	Clock Tower Centennial Hall (Yoshida Campus)	Registration			
9:40	10:45		Opening, Group photo			
10:45	11:15		Chinnusamy SARAVANAN	Solar	Sona College of Technology	The effect of photochromic groups on fullerene acceptor towards the thermal stability and efficiency of organic solar cells
11:15	11:45		Gerald L. KULCINSKI	Fusion Plasma	University of Wisconsin-Madison	Addressing the 2nd Major Obstacle to Commercial DT Fusion Reactors: a Low Cost, Near Term 14 MeV Neutron Materials Test Facility
11:45	12:10		Eiji MASAI	Biomass	Nagaoka University of Technology	Catabolism of lignin-derived aromatic compounds in Sphingobium sp. SYK-6 and its potential applications
12:10	13:30	Lunch				
13:30	14:00	Clock Tower Centennial Hall (Yoshida Campus)	Young Uk JEONG	Ultrafast Lasers	Korea Atomic Energy Research Institute	Ultrafast Electron Diffraction Facility based on an RF Photogun and Achromatic 90-degree Bends for 10-femtosecond Timing Jitter
14:00	14:25		Atsushi FUKUYAMA	Fusion Plasma	Kyoto University	Progress of Integrated Modeling of Magnetic Fusion Plasmas
14:25	14:50		Daisuke SHIBATA	Solar	Kazusa DNA Research Institute	Sustainable Food and Energy Co-Production via Green Energy Farms (GEFs)
14:50	15:20	Coffee break Venue : International Conference Hall III				
(14:50 - 17:45)	Poster Session Venue : International Conference Hall III					
15:20	15:50	Clock Tower Centennial Hall (Yoshida Campus)	Roland LUDWIG	Biomass	BOKU - University of Natural Resources and Life Sciences	How a newly discovered enzyme shatters our beliefs in the function of well-known fungal oxidoreductases
15:50	16:15		Masahiro SHIMIZU	Solar	Shinshu University	Development of Na-Storage Inorganic Compounds and their Anode Properties for Rechargeable Battery
16:15	16:40		Yasushi HAYAKAWA	Light Sources	Nihon University	Advanced applications of novel light sources based on electron linear accelerators
16:40	17:05		Yoshihiko NAGASHIMA	Fusion Plasma	Kyushu University	Data analysis of plasma turbulence in a linear device and its application to Heliotron-J
17:05	17:45	break				
17:45	19:30	Reception Venue : International Conference Halls I and II				

Timetable September 6th, 2016						
Start	End	Venue	Speakers	Field	Univ./Institute	Title
9:30	9:55	International Conference Hall I (Yoshida Campus)	Minoru TAKEDA	Biomass	Yokohama National University	Microtube-forming polymers of bacterial origin
9:55	10:20		Naoyuki HASHIMOTO	Fusion Materials	Hokkaido University	Development of iron-base composite materials with high thermal conductivity
10:20	11:10	Poster Session Venue : International Conference Hall III				
11:10	11:35	International Conference Hall I (Yoshida Campus)	Akira HASEGAWA	Fusion Materials	Tohoku University	Tungsten Material Developments for Plasma Facing Components of Fusion Reactor
11:35	12:00		Takayasu KAWASAKI	Ultrafast Lasers	Tokyo University of Science	Impact of Mid-Infrared Free-Electron Laser on Molecular Structures of Bio-related Compounds
12:00	13:30	Lunch				
13:30	15:00	Clock Tower Centennial Hall (Yoshida Campus)	Panel Discussion Research Collaborations for Zero Emission Energy Panelists: R. Dargaville (Australia) A. Fukuyama (Japan) S. Garivait (Thailand) Y. U. Jeong (Korea) R. Ludwig (Austria)			
15:00	15:30		closing			

Timetable September 7th, 2016						
Start	End	Venue	Speakers	Title		
10:00	12:00	N273-E (Uji Campus)	Parallel Seminar I	Recent progress in wood biomass research		
13:00	16:00	N571-E (Uji Campus)	Parallel Seminar II	Symposium on exploring novel principles for highly efficient utilization of solar energy 2016		

Timetable September 1st, 2016						
Start	End	Venue	Speakers	Title		
14:30	17:30	N571-E (Uji Campus)	Satellite Meeting I	1st International Workshop on CSR and free electron lasers from ultra short bunch electron beam		

Timetable September 2nd, 2016						
Start	End	Venue	Speakers	Title		
10:00	16:30	N571-E (Uji Campus)	Satellite Meeting II	1st International Workshop on CSR and free electron lasers from ultra short bunch electron beam		