October	24,	2022
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9:00		Opening
9:10	Prof. Hidetoshi Fukuyama Tokyo University of Science	Thermoelectricity and SDGs
10:00		Break
10:20	Yongyoon Cho NAIST	Development of dispersion methods for carbon nanotube and its bio-molecule composite yarns
10:40	Naoki Tanaka Kyushu University	Development of thermoelectric devices by photoinduced electron doping of single- walled carbon nanotubes
11:00	Shun-ichiro Ito Nagoya University	The effect of side chain density on structure and thermoelectric properties of doped polythiophene films
11:20		Break
11:40		Short Poster Preview (#1-12)
12:00		Lunch
13:30	Prof. Junichiro Shiomi The University of Tokyo	Directional heat conduction by nanotube and nano-cellulose assemblies
14:20		Break
14:40	Shunya Sakane Chuo University	Thermoelectric power factor enhancement of Cu ₂ Se nanowires/PEDOT:PSS composite thin films
15:00	Paolo Mele Shibaura Institute of Technology	Thermoelectric properties of Al-doped ZnO composite films with polymer nanoparticles prepared by pulsed laser deposition
15:20	Masakazu Nakamura Nara Institute of Science and Technology	Giant Seebeck Effect over 0.1 V/K - A Unique but Universal Phenomenon in Pure Organic Semiconductors -
15:40		Break

16:00	Poster (#1-12)
17:00	Free Discussion (~17:30)

October 25, 2022

9:00	Prof. David Cahill University of Illinois	Low, high, and switchable thermal conductivity in soft materials				
9:50		Break				
10:10		Short Poster Preview (#13-26)				
10:30		Poster (#13-26)				
11:30	Giovanna Latronico Shibaura Institute of Technology	Developing of a printed thin-film thermoelectric device on a paper substrate				
11:50	Hideki Uchida Zeon Corporation	Development of thermoelectric devices and IOT sensing system with CNT sheet				
12:10	Qingshuo Wei AIST	Long-life, lightweight organic thermoelectric modules for IoT sensors				
12:30		Closing				

Poster

1	Anjum Mustafa			Thermoelectric properties of MASnI3 with Cl		
	Kyushu	Institute	of	dopant		
	Technology	,				
2	Kazuhiro Yo	oshida		Atmospheric stability of n-type		
	Kyoto Institute of			semiconducting carbon nanotubes		
	Technology	,				
3	Masaya FUJIMURA			Development of steady-state measurement		
	Kyushu	Institute	of	process with high precision of thermal		
	Technology	,		conductivity of metal wires by using self-		
				Joule heating method		

4	N. Hirayama Shimane University	Electronic structure engineering of Mg ₂ Si by Isotropic Strain and Isoelectronic Impurity Doping			
5	Ichiro Imae	Thermoelectric Properties of Free-standing			
	Hiroshima University	Conductive Films Prepared from			
		PEDOT:PSS and EMIM:TCB			
6	Miki Morimoto	Side-Chain Engineering to Balance			
	Hiroshima University	Processability and Thermoelectric			
		Properties in Alkoxy-substituted			
		Polythiophenes			
7	T. Komori	Power generation of carbon nanotube films			
	Tokai University	with PN junction by uniform light exposure			
8	Katsuma Miura	Improved performance of heat source free			
	Tokai University	water-floating carbon nanotube			
		thermoelectric generators controlling			
		wettability using atmospheric-pressure			
		plasma jet and waterproof spray			
9	Juhyung Park	Effects of microstructure on the charge			
	Seoul National University	transport and thermoelectric performance of			
		the polymer-inorganic hybrid films			
10	M. Matsubara	Theoretical Prediction of Optimal			
10	M. Matsubara Tokyo University of Science	Theoretical Prediction of Optimal Thermoelectric Properties of Impurity-			
10	M. Matsubara Tokyo University of Science	Theoretical Prediction of Optimal Thermoelectric Properties of Impurity- doped Carbon Nanotubes			
10 11	M. Matsubara Tokyo University of Science Shohei Horike	TheoreticalPredictionofOptimalThermoelectricPropertiesofImpurity-doped Carbon NanotubesOrganic Superbases as n-Type Inducer of			
10 11	M. Matsubara Tokyo University of Science Shohei Horike Kobe University	TheoreticalPredictionofOptimalThermoelectricPropertiesofImpurity-doped Carbon NanotubesOrganic Superbases as n-TypeInducer ofCarbonNanotubesforFlexible			
10 11	M. Matsubara Tokyo University of Science Shohei Horike Kobe University	Theoretical Prediction of Optimal Thermoelectric Properties of Impurity- doped Carbon Nanotubes Organic Superbases as n-Type Inducer of Carbon Nanotubes for Flexible Thermoelectric Generator			
10 11 12	M. Matsubara Tokyo University of Science Shohei Horike Kobe University Y. Amma	TheoreticalPredictionofOptimalThermoelectricPropertiesofImpurity-doped Carbon NanotubesOrganic Superbases as n-TypeInducer ofCarbonNanotubesforFlexibleThermoelectric GeneratorForFlexiblePerformanceimprovement of heat source			
10 11 12	M. Matsubara Tokyo University of Science Shohei Horike Kobe University Y. Amma Tokai University	Theoretical Prediction of Optimal Thermoelectric Properties of Impurity- doped Carbon Nanotubes Organic Superbases as n-Type Inducer of Carbon Nanotubes for Flexible Thermoelectric Generator Performance improvement of heat source free water-floating carbon nanotube			
10 11 12	M. Matsubara Tokyo University of Science Shohei Horike Kobe University Y. Amma Tokai University	Theoretical Prediction of Optimal Thermoelectric Properties of Impurity- doped Carbon Nanotubes Organic Superbases as n-Type Inducer of Carbon Nanotubes for Flexible Thermoelectric Generator Performance improvement of heat source free water-floating carbon nanotube thermoelectric generators modifying device			

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24	Sakura Kishishita		Deposition	of	Bi _{0.4} Sb	1.6 Te₃-Halide	
	Kyusyu	Institute	of	Perovskite	Composite	Films	by Printing
	Technology			Method	and Cl	naracteriz	zation of
				Thermoeled	ctric Proper	ies	
25	K. Susukida			Developme	nt of Com	posite P	Printing Film
	Kyusyu	Institute	of	Composed	of Rare Ear	th Free n	-type CoSb₃
	Technology			and Polyim	ide		
26	S. Yamamoto	D		Alignment e	evolution of	the carbo	on nanotube
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