



2018 Ajou-Chiba Symposium Program (Nov. 17-18th)



CHIBA UNIVERSITY

[17th Nov.]

Time	Event	Note
~ 16:00	Registration	Rm. 311 Energy Center
16:00 ~ 16:10	Opening Remark Prof. Ji-Yong Park and Prof. Takashige Omatsu	Rm. 101 Energy Center
	Session 1	
16:10 ~ 16:30	<ul style="list-style-type: none"> Prof. Jieun Lee (Ajou Univ.) <i>Optical imaging of the valley dependent electron transport in MoS₂</i> 	Chair Prof. Yasuhiro Yamada (Chiba)
16:30 ~ 16:50	<ul style="list-style-type: none"> Prof. Takashige Omatsu (Chiba Univ.) <i>Versatile optical vortex sources</i> 	
16:50 ~ 17:10	<ul style="list-style-type: none"> Prof. Youngdong Yoo (Ajou Univ.) <i>Phase-Controlled Synthesis of In-Plane Few-Layer 2H-1T' MoTe₂ Junctions for High-Performance Electronics</i> 	
17:10 ~ 17:30	<ul style="list-style-type: none"> Prof. Nobuyuki Aoki (Chiba Univ.) <i>Carrier Control and Device Application of MoTe₂ Crystal by Laser Irradiation</i> 	
17:30 ~ 17:40	Break	
	Session 2	
17:40 ~ 18:00	<ul style="list-style-type: none"> Prof. Jae-Hyun Lee (Ajou Univ.) <i>Direct growth of graphene on semiconductor Ge surface</i> 	Chair Prof. Youngdong Yoo (Ajou)
18:00 ~ 18:20	<ul style="list-style-type: none"> Prof. Yasuhiro Yamada (Chiba Univ.) <i>Photoelectronic properties of APbX₃ lead halide perovskite as an emerging optoelectronic device material</i> 	
18:20 ~ 18:40	<ul style="list-style-type: none"> Prof. Tae Soup Shim (Ajou Univ.) <i>Dynamic Control of Soft Matter for Shape Morphing Microstructures</i> 	
18:40 ~ 18:50	Group Photo	
18:50 ~	Welcome Dinner (Bonsuwon Galbi)	

[18th Nov.]

Time	Event	Note
	Session 3	
09:00 ~ 09:15	<ul style="list-style-type: none"> Sang Jun Park (Ajou Univ.) <i>Development of Carboxylesterase-2 Selective Two-Photon Ratiometric Probe and Its Application to Breast Cancer</i> 	Chair Prof. Jieun Lee (Ajou)
09:15 ~ 09:30	<ul style="list-style-type: none"> Yuto Kajino (Chiba Univ.) <i>Modulation of optical properties in monolayer WS₂ by external dielectric constant</i> 	
09:30 ~ 09:45	<ul style="list-style-type: none"> Muhammad Umar (Ajou Univ.) <i>Arbitrarily patterned organic distributed feedback lasers as a bio-light source</i> 	
09:45 ~ 10:00	<ul style="list-style-type: none"> Keigo Masuda (Chiba Univ.) <i>Optical vortex enables chiral mass-transport of azo-polymer via two photon absorption process</i> 	
10:00 ~ 11:00	Break and Poster Session	Rm 311 Energy Center
	Session 4	
11:00 ~ 11:15	<ul style="list-style-type: none"> Junhyung Lee (Chiba Univ.) <i>Light induced helical fibers</i> 	Chair Prof. Nobuyuki Aoki (Chiba)
11:15 ~ 11:30	<ul style="list-style-type: none"> Thien An Le (Ajou Univ.) <i>CO₂ methanation over Ni/Al@Al₂O₃ core-shell catalyst</i> 	
11:30 ~ 11:45	<ul style="list-style-type: none"> Minho Baek, Ph.D. (Ajou Univ.) <i>Emission Trading among Three Northeast Asian Countries</i> 	
11:45 ~ 12:00	<ul style="list-style-type: none"> Haruki Minami (Chiba Univ.) <i>Optical chirality change of luminescent materials by association with DNA</i> 	
12:00 ~ 12:15	<ul style="list-style-type: none"> Sung Won Hwang (Ajou Univ.) <i>Solution-processed TiO₂/BiVO₄/SnO₂ Triple-layer Photoanode with Enhanced Photoelectrochemical Performance</i> 	
12:15 ~ 12:30	Closing Remark Prof. Ji-Yong Park and Prof. Takashige Omatsu	
12:30 ~ 14:00	Lunch	