

The 12th International Symposium on Advanced Photonic Science and Technology

Date : December 12 (Thu.) ~ December 13 (Fri.), 2019

Organized by : BK21 Plus, Department of Physics, Ewha Womans University

New and Renewable Energy Research Center, Ewha Womans University

Time	Presenter	Title
Dec.12(Thu.) Session 1		Chair: H. Cheong (Sogang Univ.), Y. X. Zheng (Fudan Univ.)
15:50 ~ 16:00	Y. P. Lee (Fudan Univ., Hanyang Univ.)	Welcome Remark
16:00 ~ 16:30	L. Y. Chen (Fudan Univ.)	Study of the plane metallic film with strong optical absorption to induce the lens effect observed in the visible region
16:30 ~ 16:50	Y. D. Kim (Kyung Hee Univ.)	Intelligent filtering in spectral analysis
16:50 ~ 17:10	S. Yoon (Ewha Womans Univ.)	Chemical enhancement mechanism in non-metallic surface enhanced Raman scattering
17:10 ~ 17:30	X. F. Chen (Shanghai Jiao Tong Univ.)	Fabrication of lithium niobate on insulator microdisk for nonlinear frequency conversion
17:30 ~ 17:50	Y. Lee (Soongsil Univ.)	Emission spectroscopy on the oxygen vacancy formation in SrTiO ₃
17:50 ~ 18:10	J. S. Lee (GIST)	Structural symmetry characterization of SrRuO ₃ thin films revisited using optical second harmonic generation
18:30 ~ 20:30	ICAMD Banquet	
Dec.13(Fri.) Session 2		Chair: M. Seong (Chung-Ang Univ.), J. C. Cao (CAS)
08:30 ~ 09:00	C. K. Hwangbo (Inha Univ.)	Broadband absorption and polarization separation of nanostructured optical thin films
09:00 ~ 09:20	Y. X. Zheng (Fudan Univ.)	Antireflection effects of surface nanostructures fabricated on solar cells
09:20 ~ 09:40	D. Kim (Sogang Univ.)	Change of charge status of polar headgroups at the biomebrane interface
09:40 ~ 10:00	J. Wu (East China Normal Univ.)	Strong-field dynamics of molecules: electron-nuclear correlation
10:00 ~ 10:20	H. Lee (Kangwon National Univ.)	Electronic structure of organic materials obtained from nature and its application in organic solar cells
10:20 ~ 10:25	Photo Session	
10:25 ~ 10:40	ICAMD Coffee Break	

Dec.13(Fri.) Session 3		Chair: D. Kim (Sogang Univ.), X. F. Chen (Shanghai Jiao Tong Univ.)
10:40 ~ 11:10	C. E. Lee (Korea Univ.)	Surface energy-band engineering of Bi ₂ Se ₃ topological insulator nanoparticles
11:10 ~ 11:30	D. Q. Liu (Chinese Academy of Sciences)	Influence of environment on sub-nanometer band-pass filters in near infrared spectrum range
11:30 ~ 11:50	M. Seong (Chung-Ang Univ.)	Optical properties of high quality In ₂ S ₃ thin films
11:50 ~ 12:10	J. C. Cao (Chinese Academy of Sciences)	Terahertz semiconductor quantum devices and their applications in imaging and communication
12:10 ~ 12:30	J. W. Lee (Ajou Univ.)	Shedding light on van der Waals materials
12:30 ~ 12:40	L. Y. Chen (Fudan Univ.)	Closing remark
12:45 ~ 14:00	Lunch	
14:30 ~ 17:30	Excursion to a small mountain	
18:00 ~ 21:00	Dinner	