



2015 Ajou-Chiba Symposium Program (Dec. 12th)



(AU: Ajou Uni., CU: Chiba Uni.)

Time	Event	Note
08:50~09:00	Opening Remarks Prof. Kihong Kim (AU) and Prof. Takashige Omatsu (CU)	Jonghap Hall 105
09:00~09:20	Nano Science 1 • <u>Hui Joon Park (AU)</u> : <i>Toward High Performance Versatile Perovskite Photovoltaic Cells</i>	Chair: Ji-Yong Park (AU)
09:20~09:40	• <u>Ken-ichi Oto (CU)</u> : <i>Evaluation of fluctuations in two-dimensional electron system in quantum Hall regime by Magneto-optical Kerr effect</i>	
09:40~10:00	• <u>Hyungtak Seo (AU)</u> : <i>2-Dimensional Oxide Semiconductors</i>	
10:00~10:20	• <u>Toyo Kazu Yamada (CU)</u> : <i>Electronic structures of stacked single monolayer graphene nanoribbons</i>	
10:20~10:40	Coffee break	
10:40~11:00	Photonics and THz Applications • <u>Katsuhiko Miyamoto (CU)</u> : <i>Terahertz vortex generation by a Tsurupica spiral phase plate</i>	Chair: Kwang Jun Ahn (AU)
11:00~11:20	• <u>Younghwan Ahn (AU)</u> : <i>High-speed Sensing of Microorganisms in Ambient and Aqueous Environments Using THz Metamaterials</i>	
11:20~11:40	• <u>Takashige Omatsu (CU)</u> : <i>Chiral surface relief formation in a n organic film by optical vortex illumination</i>	
11:40~12:00	• <u>Sunghwan Kim (AU)</u> : <i>Integration of silk hydrogel and plasmonic nanostructures</i>	
12:00~12:05	Group Photo	
12:05~13:00	Lunch	Jonghap Hall 12 th floor
13:00~14:00	Poster Session	
14:00~14:20	Nano Science 2 • <u>Hak Ki Yu (AU)</u> : <i>Metal oxide nanowires grown by electron beam decomposition and its applications (especially focused on indium-tin-oxide nanowires)</i>	Chair:
14:20~14:40	• <u>Nobuyuki Aoki (CU)</u> : <i>Transition of transport property of fullerene thin film by optical vortex laser irradiation</i>	
14:40~15:00	• <u>Soonil Lee (AU)</u> : <i>Utilization of Preformed P3HT Nanowires for Efficient Organic Solar Cells</i>	
15:00~15:20	Coffee break	
15:20~15:40	Organic and Inorganic Materials • <u>Yu Kwon Kim (AU)</u> : <i>Enhanced photocatalytic activity of defect-controlled TiO₂ nanocrystals</i>	Chair: Hye-Young Chang (AU)
15:40~16:00	• <u>Hisao Ishiii (CU)</u> : <i>Negative Ion Photoemission Spectroscopy from Polar Organic Films</i>	
16:00~16:20	• <u>Seung-Joo Kim (AU)</u> : <i>Powder X-ray Diffraction Analysis: a tool for the investigation of advanced materials</i>	
16:20~16:30	Closing Remarks	
16:30~18:00	Brief Guide for Lab Tour	
16:35~18:00	Lab Tour	