

Oral Section

November 18 (Friday) Room E1304 conference room (A)

Chairman: Yi-Chu Hsu

Time	ID	Speaker	Title
16:20- 16:30	OP1	Yu-Min Shen	A Study On Copper Nanowire Arrays Embedded Into Various Size Of Porous Alumina Membrane
16:30 16:40	OP2	Sung-Lin Tsai	Design And Fabrication Of Microfluidic Devices For Particle Capture In A Droplet Using Dielectrophoresis And Liquid Dielectrophoresis
16:40- 16:50	OP3	Pei-Ching Yu	Growth Characteristics Of Theta-Alumina Crystallites
16:50- 17:00	OP4	Nghia Nguyen-Huu	Transmission RGB Filters-Based Plasmonic Subwavelength Structures Enhanced By Surface Plasmon Polaritons
17:00- 17:10	OP5	Tsung-Yen Tsai	Interfacial Reaction Of Water Glass Coating Under Different Temperatures Investigated By Utilizing A Surface Plasmon Resonance Based Sensor Technique
17:10- 17:20	OP6	Hiroki Nagai	Formation Mechanism Of Cu₂O Thin Film With Using The Molecular Precursor Method

Oral Section

November 18 (Friday) Room E1305 conference room (B)

Chairman: Ching-Hua Wei

Time	ID	Speaker	Title
16:20-16:30	OP7	Daniel S. Likius	Percolation Threshold Found For The Electrical Resistivity Of Silver Nanoparticles/Titania Composite Thin Films Fabricated Using Molecular Precursor Method
16:30-16:40	OP8	Chin-Ting Lin	Measurement Of Mechanical Properties For Elastomers Using Piezoelectric Tactile Sensor
16:40-16:50	OP9	Chia-Ching Wu	Investigate The Properties Of ZnO-Al₂O₃-Y₂O₃ Transparent Conductive Metal Oxide Films Using Electron Beam Evaporation
16:50-17:00	OP10	Jhong-You Ke	Nanoscale Electrical Characterization Of HfO₂ High-K Dielectric Under Physical Strain
17:00-17:10	OP11	Jyh-Jier Ho	Performance Evaluation Of Point Contact Made By Etch Paste For Mono-Crystalline Solar Cells
17:10-17:20	OP12	Tsung-Yo Tsai	Preparation And Properties Of Epoxy/γ-Al₂O₃ Nanocomposites