



# Siam Physics Congress 2015

## Wednesday, May 20, 2015

### Material Physics, Nanoscale Physics and Nanotechnology - Phokheetara Grand Ballroom (2:00 PM - 3:45 PM)

time	[id] title	presenter
2:00 PM	[13] Characterizing Electrical Properties of ZnO Nanowires with Scanning Probe Microscopy	Mr RAPAWAY, Komsun
2:15 PM	[52] *In situ* XANES Study of MnO <sub>2</sub> Electrode for Supercapacitors	Ms HAMPITAK, Piramon
2:30 PM	[127] Mie Scattering by Small Sphere Particles	THEPPABUT, Irada
2:45 PM	[77] Giant Dielectric Permittivity and Low Dielectric Loss Tangent in Yb-doped CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> Ceramics	Mr BOONLAKHORN, Jakkree
3:00 PM	[200] Improvement of Graphene-Metal Contacts by Current-Induced Cleaning	Dr SOMPHONSANE, Ratchanok
3:15 PM	[120] Phase Formation and Microstructure of Sodium Niobate Powder Synthesized Using Molten-salt Technique	Mr SUKSRI, Chavalit

# Thursday, May 21, 2015

## Material Physics, Nanoscale Physics and Nanotechnology - Phokeethra Grand Ballroom (8:00 AM - 10:45 AM)

time	[id] title	presenter
8:00 AM	[83] Fabrication and Characteristic of BaTiO <sub>3</sub> Based Ceramic by Molten Salt Synthesis	Ms KAMNOY, Manlika
8:15 AM	[100] Synthesis of Carbon-Encapsulated Fe <sub>3</sub> O <sub>4</sub> for Supercapacitors Electrode	Mr KASANGAM, Nattapon
8:30 AM	[225] Synthesis and Characterization of Cu <sub>2-x</sub> Te Quantum Dot on ZnO Nanoparticles	Mr BOONTI, Aram
8:45 AM	[287] Controlling the thickness of silicon dioxide shell of iron boride nanoparticles	Ms VAJANARAT, Tipnirin
9:00 AM	[293] High-Quality Pure Cubic GaN on Patterned GaAs (001) Substrates with [110]-Oriented Stripes by MOVPE	SUWANYANGYAUN, Pattana
9:15 AM	[295] Rapid thermal annealing and structural properties of lattice-matched InGaPN on GaAs (001) grown by MOVPE	Mr SRITONWONG, Phongbandhu
9:30 AM	[208] Chemical Vapor Deposition (CVD) Synthesis of Graphite Encapsulated Magnetite Nanoparticles for Counter Electrode of Dye-sensitized Solar Cells	CHAIYACHAD, Sujinda