

Siam Physics Congress 2018

Tuesday 22 May 2018

A13: Material Physics - Phichit Room (09:00 - 10:30)

-Conveners: Sasiporn Prasertpalichat

time	[id] title	presenter
09:00	[432] Optical properties of Mn-doped CdS Thin films Grown by the SILAR Method	Mr PHASOOK, Nattawee
09:15	[453] Microstructural, Dielectric and Optical Properties of [KNbO ₃] _{0.9} – [BaNi _{0.5} Nb _{0.5} O ₃] _{0.1} Perovskite Ceramics	Dr SRIPHAN, Saichon
09:30	[513] HSE hybrid functional calculation of absolute deformation potential in MgGeN ₂	KAEWMEECHAI, Chaiyawat
09:45	[530] Optimization of multi-layer graphene/PMMA synthesized by low pressure chemical vapor deposition from acetylene precursor	Dr JUTAROSAGA, Tula Mr BODINTHITIKUL, Nutdanai
10:00	[604] Effect of Destabilisation and Tempering on Microstructure and Hardness of 28 wt.%Cr-(1-4) wt.%W Cast Irons	Ms YEEKEW, Sasitorn
10:15	[619] Sintered Fe-Mo-Si-C alloys with ductile cast iron microstructure	RUANGCHAI, Kittikhun

A13: Material Physics - Phichit Room (10:45 - 12:15)

-Conveners: Theerachai Bongkarn

time	[id] title	presenter
10:45	[679] Preparation and Electrical Properties of Calcium Carbonate Nano-particle	SITTIPENG, Rachaya
11:00	[770] Effect of calcination temperature on the conductivity of Sm and Cu co-doped ceria	Mr SAWANGPROM, Anuchit
11:15	[774] Structural and electronic properties of MXene phase of Mo ₂ C under external stresses	SOMTHA, Baramett
11:30	[802] Synthesis of titanium and diamond-like carbon thin films bi-layers used as an electrode for electrochemical advanced oxidation in diuron degradation by dc magnetron sputtering	Mr KANTIYAWONG, Nimit
11:45	[811] Influence of Ag Doping on Some Physical Properties of Y156 Superconductors Prepared by Solid State Reaction	TANTIVICHITVECH, Kanchaporn