



# Siam Physics Congress 2018

## Monday, 21 May 2018

### A04: Plasma and Nuclear Fusion (Poster) - Ayutthaya Room (17:45 - 18:45)

[id] title	presenter	board
[772] FTIR analysis of Thermal and Plasma Treatments on Riceberry Brown Rice	Mr POONSAWAT, Kittawat	
[707] Electrical Characteristic and Radicals Determination of Air Plasma Jet	Mr PALEE, Nattawut	
[684] Construction and Characterization of Electron Cyclotron Resonance Oxygen Plasma for Tourmaline Treatment	Mr PANGKASORN, Chaipipat	
[425] Monte Carlo simulation of an upgraded PGNAA shielding at TRR-1/M1	SANGAROON, Siriyaporn	
[426] Investigating a proton beam-based neutron source for BNCT using the MCNP simulation	LEELANOI, Ploypailin	
[578] Plasma Diagnostics by Multipole Resonance Probe	JAMPAIBOON, Natthapong	
[612] Enhancing of electric field strength by electrode geometries and dielectric materials for surface discharges in ozonizer	CHANKUSON, Pitchasak	
[675] Study of air plasma jet on <i>S. aureus</i> inactivation	Ms SISWORAKUNCHAI, waraporn	
[682] The Comparative Study of the Radiation Shielding of $(60-x)$ PbO-x Li <sub>2</sub> O-40 B <sub>2</sub> O <sub>3</sub> (where $0 \leq x \leq 25$ mol%) Glass System by Using FLUKA to XCOM and the Previous Experimental Data	Mr SRIWUNKUM, Chahkrit	
[804] Effect of zinc on the corrosion of SS 304 in H <sub>2</sub> O <sub>2</sub>	KANJANA, Kotchaphan	
[799] Surface modification of Poly (ethylene terephthalate) fabric by plasma process	SAETAE, Siriwan	
[666] The Comparative Studies of Gamma-ray Shielding Properties of the PbO-BaO-B <sub>2</sub> O <sub>3</sub> Glass System by Using FLUKA Code to XCOM Program and Accessible Experimental Data.	Mr MUTUWONG, Chalermpon	
[627] Enhancement of Nitrite and Nitrate in Tap Water by Cold Atmospheric Plasma	POLPRASARN, Kasidapa	
[464] Assessment of Radiological in the Beach Sand from Pattani Province	Ms DAOH, MURNEE	
[428] Measurement of 1-MeV C-ion beam induced X-ray production cross sections of Fe, Nb, Ru, Ce and Ta	Dr YU, L.D.	
[805] Synthesis of conducting polymer by plasma polymerization	Mr KHUNTHONG, Patsakul	