



# Siam Physics Congress 2017

## Wednesday, 24 May 2017

### A4: Plasma and Nuclear Fusion - Ballroom 3 (16:00 - 18:15)

-Conveners: Nopparit Somboonkittichai; Peera Pongkitiwanchakul

time	[id] title	presenter
16:00	[16] A Characterization of Portable HF Air Plasma Jet	THANA, Phuthidhorn
16:15	[43] Effects of the temperature on the reconnection properties	Dr MALAKIT, Kittipat
16:30	[58] Development of TPF-1 Plasma Focus for Education	Dr PICHA, Roppon
16:45	[134] Performance Optimization of ITER and DEMO Plasmas in the Presence of Internal Transport Barrier	Dr CHATTHONG, Boonyarit
17:00	[151] Predictive Simulations of Pellet Injection in ITER and DEMOs	Mr KONGKERD, Rungsin
17:15	[152] Investigation of plasma performance and formation of transport barriers based on bifurcation concept	Ms PAKEEWANICH, Jintana
17:30	[189] Calculate Argon Plasma Density Generate by UNU/ICTP Plasma Focus Device	Mr NGAMRUNGROJ, Dusit
17:45	[287] Energy transfer between particles & electromagnetic fields in laser-produced plasma simulations.	PONGKITIWANICHAKUL, Peera
18:00	[388] Understanding roles of neutrons in advanced fusion reactors	Dr SOMSAK, Dangtip