

Session Program

May 21 - 23, 2018

Siam Physics Congress 2018

A5: Nanoscale and Surface

Topland | Hotel & Convention Center Phitsanulok
<http://www.toplandhotel.com/index.php> Phitsanulok, Thailand

Mon, May 21

3:30 PM

A5: Nanoscale and Surface

Session | **Location:** Uthai Thani Room | **Convener:** Dr Anurat Wisitsoraat

3:30 – 3:45 PM

NiOx as Hole Selective Contact to Improve Stability and Efficiency of Inverted Perovskite Solar Cells via Vacuum Flash Technique

Speaker

Mr Stanilius Ntia Teneng

3:45 – 4:00 PM

Surface Modification of TiO₂ for Efficiency Enhancement in Perovskite Solar Cells

Speaker

Mr Kittiwut Chaisan

4:00 – 4:15 PM

Different natures of sub-gap states in 135-CIGS / 112-CIGS and 112-CIGS / 135-CIGS heterostructures investigated by photoluminescence technique

Speaker

Ms Boonyaluk Namnuan

4:15 – 4:30 PM

Low-temperature Annealing Effects on Properties of Tin-doped Zinc Oxide Thin Films in Perovskite Solar Cells

Speaker

Pakawat Malison

4:30 – 4:45 PM

Hydrophobicity Recovery of Polydimethylsiloxane Treated with Oxygen Plasma and Ion Implantation

Speaker

Mr Sirawut Natyanun

4:45 – 5:00 PM

Synthesis and Characterization of Tin oxide Thin Film for Gas Sensor Applications

Speaker

5:00 – 5:15 PM

High quality nano-silica aerogels prepared by a facile method from bagasse ash under ambient pressure drying

Speaker

Paphapin Teannava

5:15 – 5:30 PM

Studies on structural, characterization and electric properties of Cu-doped BiFeO₃ thin films

5:30 PM

Speaker

Mr Tachgiss Jampreecha