

Session Program

21-23 May 2018

Siam Physics Congress 2018

A5: Nanoscale and Surface

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

Monday 21 May

15:30

A5: Nanoscale and Surface

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

15:30–15:45

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

Speaker

Mr Stanilius Ntia Teneng

15:45–16:00

Surface Modification of TiO₂ for Efficiency Enhancement in Perovskite Solar Cells

Speaker

Mr Kittiwut Chaisan

16:00–16:15

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

16:15–16:30

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

Speaker

Pakawat Malison

16:30–16:45

Hydrophobicity Recovery of Polydimethylsiloxane Treated with Oxygen Plasma and Ion Implantation

Speaker

Mr Sirawut Natyanun

16:45–17:00

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

Speaker

ถนอมรัตน์ พงษ์เจริญ

17:00–17:15

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

Speaker

Paphapin Teannava

17:15–17:30

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

17:30

Speaker

Mr Tachgiss Jampreecha