

## **Session Program**

**27-29 Nov 2016**



## **NanoThailand 2016**

### ***Hornbill 1***

THE GREENERY RESORT KHAO YAI  
[www.greeneryresort.com](http://www.greeneryresort.com) Nakhon Ratchasima, Thailand

# Sunday 27 November

15:15

## Hornbill 1: Session 1: Nano-fabrication & manufacturing

Session | Location: Greenery, Room4, --

15:15-15:35

### Nano-materials Engineering and Manufacturing in Hard Disk Drives for Cloud Storage

**Speaker**

Krishnan Subramanian

15:35-15:55

### The industrial-academic network for nanoscience research in cementitious materials

**Speaker**

Sakprayut Sinthupinyo

15:55-16:15

### Printed Graphene Electronics

**Speaker**

Adisorn Tuantranont

16:15-16:30

### A simple electrospinning system for fabrication of core-shell nanofibers

**Speaker**

Mr Chaturon Nettong

16:30-16:45

### Effect of cylindrical length and regression model of Euler number of hydrocyclone

**Speaker**

Mr Pakpoom Supachart

16:45

# Monday 28 November

10:15

## Hornbill 1: Session 2: Nano-safety

Session | Location: Greenery, Room4, --

10:15-10:25 **Welcome Remarks**

**Speaker**

Wanee Chinsirikul

10:25-10:45 **Alternatives to animal testing in Nanotoxicology**

**Speaker**

Dr Rawiwan Maniratanachote

10:45-11:05

**High throughput screening method for nanoparticles toxicity using 3D cells**

**Speaker**

Dr Seokjoo Yoon

11:05-11:25

**Comparison of nano perception between Asia and Europe and its influence on nano regulation**

**Speaker**

Dr Georg Karlaganis

12:00

13:00

## Hornbill 1: Session: Nano-safety

Session | Location: Greenery, Room4, --

13:00-13:20

**Risk mapping and Risk management by control of release -strategies to design better materials and products**

**Speaker**

Prof. Michael Riediker

13:20-13:40

**Perception and Attitudes about Nanotechnology and Nano-Safety in Thailand's University Community**

**Speaker**

Dr G. Louis Hornyak

13:40-14:00

**The progress of Taiwan nano-EHS regulations and researches**

**Speaker**

Prof. Chuen Jin Tsai

14:00-14:20

**Characterization of nanoparticles in photocatalytic and regular cement using an aerosolizing nanoparticle generator system**

**Speaker**

Kiattisak Batsungnoen

14:45

15:00

## Hornbill 1: Session 4: Nano safety

Session | Location: Greenery, Room4, --

15:00-15:20 **Malaysia National Nanosafety Initiative.**

**Speaker**

Mr Mohd Helme Mohd Helan

15:20-15:40 **Teaching and Learning on Nano Safety in School**

**Speaker**

Mana Intarasawang

15:40-16:00 **Human studies and experimental studies for nanosafety**

**Speaker**

Gaku ichihara

16:45

# Tuesday 29 November

10:15

## Hornbill 1: Session 5: Nano-fabrication & manufacturing, Nano-electronics/systems & Nano-characterization & instruments

Session | Location: Greenery, Room4, --

10:15-10:35

### Tailoring Nanocapsules for Self-Healing Materials

**Speaker**

Daniel Crespy

10:35-10:55

### Material, Device and Interfacial Engineering for High efficiency Solution Processable Organic Light Emitting Diode

**Speaker**

Prof. Kai Lin Woon

10:55-11:15

### Asst. Prof. Toemsak Sriksirin

**Speaker**

Toemsak Sriksirin

11:15-11:30

### Optical diffraction of binary-nanoparticle film prepared by convective deposition with vibration assistance

**Speaker**

Mr Nonthanan Sitpathom

11:30-11:45

### Magneto and electro-optical study of Bismuth ferrite (BiFeO<sub>3</sub>) thin films

**Speaker**

Mr Siwat Polin

11:45-12:00

### Penetration of Fluorescent Nanoparticles into the Cornea

**Speaker**

Dr Sangly P Srinivas

12:15

13:30

15:15

## Hornbill 1: Session 6

Session | Location: Greenery, Room4, --