

Session Program

27-29 Nov 2016



NanoThailand 2016

Falcon 1

THE GREENERY RESORT KHAO YAI
www.greeneryresort.com Nakhon Ratchasima, Thailand

Sunday 27 November

15:15

Falcon 1: Session 1: Nanomaterials & nanostructures

Session | Location: Greenery, Room1

15:15-15:35

Limitation of Rheology and Curing Processes for Tiny Adhesive Dot with Various Dispensing Systems in Hard Disk Assembly Process

Speaker

Tanakorn Osotchan

15:35-15:50

Highly dispersed Ni and Cu nanoparticles supported SBA-15 for hydrogenation of methyl levulinate to γ -valerolactone

Speakers

Cheng Fang, Dr Kajornsak Faungnawakij

15:50-16:05

Electrospun nanofibers of polylactide (PLLA)/ polyglutamic acid (γ -PGA) blends and their use as ammonia detecting kits in intelligent meat packaging

Speaker

Ms Soksreymeng Sdok

16:05-16:20

Effect of F incorporation on physical, electrical and optical properties of hydrothermally grown ZnO nanorods

Speaker

Mr Wuttichai Sinornate

16:20-16:35

Application of amine-functionalized magnesium ferrite nanoparticles in wastewater treatment

Speaker

Ms Jeeranan Nonkumwong

16:35-16:50

Anatase/Rutile composite thin films prepared via dip coating technique and their hydrophilicity, stability and photocatalytic activity

Speaker

AMMAR IBRAHIM

16:50

Monday 28 November

10:15

Falcon 1: Session 2: Nanomaterials & nanostructures

Session | Location: Greenery, Room1

10:15-10:35

Metal-oxide Semiconducting Nanostructures by Microwave-assisted Thermal Oxidation Technique for Sensor and Solar Cell Applications

Speaker

Dr Supab Choopun

10:35-10:55

Biodegradable nanocomposite blown films based on PLA and PBAT containing silver-loaded kaolinite: Formulation and property testing for use as smart packaging for dried longan

Speaker

Dr Winita Punyodom

10:55-11:10

Fabrication and Electrochemical properties of CNF/MFe₂O₄: (M = Mn, CuMn) Composite Nanofiber for Electrochemical capacitors

Speaker

Dr Sukanya Nilmong

11:10-11:25

Effect of dc bias effect on the dielectric properties and nonlinear electrical behaviors of Bi_{1-x}BaxFeO₃ ceramics

Speaker

Ms Benjaporn Yotburut

11:25-11:40

Fabrication, structure and magnetic properties of Ce_{1-x}FexO₂ nanostructures

Speaker

Mr Somchai Sonsupap

11:40-11:55

New 8-Aminoquinoline Derivatives as "Turn-On" Fluorescent Sensor for Cd(II) ion Detection

Speaker

Mr Jutawat Hojitsiryanont

11:55

13:00

Falcon 1: Session 3: Nanomaterials & nanostructures

Session | Location: Greenery, Room1

13:00-13:20

Chemical syntheses of functional nanostructures and their SERS applications

Speaker

Prof. Sanong Ekgasit

13:20-13:40

Effect of boron addition on the structure and magnetic properties of CoPt nanoparticles**Speaker**

Dr Supree Pinitsoontorn

13:40-13:55

Titanate nanotubes-AgO nanocomposites: Synthesis, characterization, and dielectric properties**Speaker**

Ms Kwunta Siwawongkasem

13:55-14:10

Magnetic properties of Co-doped BiFeO₃ nanoparticles**Speaker**

Mr Jessada Khajonrit

14:10-14:25

Structure and magnetic properties of Mn-doped CeO₂ nanostructures prepared by egg-white solution route**Speaker**

Mr Panwit Sangkhaoartyon

14:25-14:40

Zinc stannate nanoparticles synthesized at room temperature: Effect of annealing on size, morphology and photocatalytic activity**Speaker**

Mr Muhammad Najam Khan

14:40-14:55

Heterogeneous Suzuki cross-coupling reaction in water catalyzed by palladium nanoparticles supported on individual calcium carbonate plates derived from mussel shell particle.**Speaker**

Ms Sukumaporn Chotnitikornkun

14:55

15:00

Falcon 1: Session 4: Nanomaterials & nanostructures

Session | Location: Greenery, Room1

15:00-15:20

Effects of Electric and Magnetic Fields on Nanoparticle Thin Films Prepared by Sparking-off Metal Tips**Speaker**

Prof. Pisith Singjai

15:20-15:40

Photocatalytic Activity of the Binary Composite CeO₂/SiO₂ for Degradation of Dye**Speaker**

Dr Sukon Phanichphant

15:40-16:00

Optical and Luminescence from Ln³⁺ doped glasses and their applications

Speaker

Dr Jakrapong Kaewkhao

16:00-16:15

Preparation of nanocellulose from Jute fiber waste**Speaker**

Rehan Abbasi

16:15-16:30

Micrometers to nanometers conversion process in perovskite BaTiO₃ particles**Speaker**

Thitirat Charoonsuk

16:30-16:45

Hydrothermal synthesis in egg white solution and magnetic properties of magnetite (Fe₃O₄) nanoparticles**Speaker**

Mr Santi Phumying

16:45-17:00

Preparation of controlled release nanocapsule for mosquito repellent application**Speaker**

Ms Jaruwan Joothamongkhon

17:00

Tuesday 29 November

10:15

Falcon 1: Session 5: Nanomaterials & nanostructures

Session | Location: Greenery, Room1

10:15-10:35

Classic Perovskite Ferroelectric BaTiO₃ Ceramics Modified with Nanogold

Speaker

Dr Supon Ananta

10:35-10:55

Electrical properties and dielectric responses in rutile-TiO₂-based ceramics

Speaker

Dr prasit thongbai

10:55-11:10

Investigation on the effect of nanoparticles to ammonium salt based gel electrolytes

Speaker

Dr Chuleekorn Chotsuwan

11:10-11:25

One-Dimensional Carbon Nanomaterials and Their Application for Oxygen Reduction Reaction

Speaker

Ms Malinee Niamlaem

11:25-11:40

Effect of Al Concentration on Al-doped ZnO Thin Films deposited by Magnetron Co-Sputtering Technique

Speaker

Kittipong Tantisantisom

11:40-11:55

2Mechanism of ferromagnetism occurring in CVD-adamantane films

Speaker

Mr Suppanut Sangphet

11:55-12:10

Atomic structures of graphene like nanomaterials including SiC and BP

Speaker

Mr Taweessin Rerkhajornnamkul

12:10

13:30

Falcon 1: Session 6: Nano-characterization & instruments, Nano-fabrication & manufacturing & Other related topics

Session | Location: Greenery, Room1

13:50-14:05

Investigation of using carbon nanotube mixed with several metal phthalocyanine compounds for electronic tongue applications

Speaker
Arthit Jityen

14:05-14:20

Characteristics of a Nanocrystalline-based, UVA-activated, 'Consume within' Indicator for Intelligent Packaging

Speaker
Mr Surachai Khankaew

14:20-14:35

Development of Physicochemical Properties of Pomegranate Extract using "Lipiosome" Encapsulation Technique

Speaker
Oraphan Phuangswai

14:35-14:50

Enhanced piezoelectric properties and fatigue-free behavior of lead-free piezoelectric $x\text{BaZrO}_3-(0.85-x)\text{BaTiO}_3-0.15\text{CaTiO}_3$ ceramics

Speaker
Dr Rangson Muanghlua

14:50